

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3965435

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BRISTOL-MYERS SQUIBB COMPANY | 02/22/2016 |
| RECEIVING PARTY DATA | |
| Name: | VIIV HEALTHCARE (NO. 5) LIMITED |
| Street Address: | 980 GREAT WEST ROAD |
| City: | BRENTFORD, MIDDLESEX |
| State/Country: | UNITED KINGDOM |
| Postal Code: | TW89GS |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 14419559 |
| Application Number: | 61681306 |
| CORRESPONDENCE DATA | |
| Fax Number: | (610)270-5090 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 6102706812 |
| Email: | us_cipkop@gsk.com |
| Correspondent Name: | GLAXOSMITHKLINE |
| Address Line 1: | 709 SWEDELAND ROAD |
| Address Line 2: | UW2220 |
| Address Line 4: | KING OF PRUSSIA, PENNSYLVANIA 19406 |
| ATTORNEY DOCKET NUMBER: | BMS12024 |
| NAME OF SUBMITTER: | CARLY MORROW |
| SIGNATURE: | /Carly Morrow/ |
| DATE SIGNED: | 07/18/2016 |
| Total Attachments: 54 | |
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DISCOVERY PATENT ASSIGNMENT AGREEMENT

This DISCOVERY PATENT ASSIGNMENT AGREEMENT (this "Agreement") is made as of February 22, 2016, by BRISTOL-MYERS SQUIBB COMPANY, a Delaware corporation ("Assignor") in favor of VIIV HEALTHCARE (NO. 5) LIMITED, a limited liability company registered in England and Wales ("Assignee").

WHEREAS, Assignor and Assignee are parties to that certain Discovery Asset Purchase Agreement, effective as of December 18, 2015, by and between Assignor and Assignee (the "Purchase Agreement");

WHEREAS, capitalized terms used herein but not otherwise defined shall have the meanings ascribed to such terms in the Purchase Agreement;

WHEREAS, pursuant to the Purchase Agreement, Assignor agreed to sell, assign, transfer, convey, and deliver to Assignee, and Assignee agreed to purchase, acquire and accept from Assignor, certain intellectual property as defined therein; and

WHEREAS, Assignor is the owner and/or applicant for registration of certain Patents specifically identified in Schedule A attached hereto (the "Assigned Patents");

NOW, THEREFORE, in consideration of the foregoing and in consideration of the mutual promises, covenants, representations, warranties and agreements contained herein and in the Purchase Agreement, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor and Assignee hereby agree as follows:

1. Assignment. Effective as of the date hereof, and pursuant to the Purchase Agreement, Assignor hereby sells, assigns, transfers, conveys, and delivers to Assignee all of Assignor's right, title and interest in, to and under all Assigned Patents, including, without limitation, any reissues, divisions/divisionals, continuations, continuations-in-part, extensions, provisional or supplemental protection certificates, renewals and reexaminations thereof, all corresponding rights that are or may be secured under the laws of the United States or any foreign country, now or hereafter arising or in effect, including the right to claim priority from the Assigned Patents under the Paris Convention for the Protection of Industrial Property, and under any and all other such treaties and agreements to which the United States is a party and which afford similar priority-claiming privileges, throughout the world, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Agreement had not been made, together with the right to collect royalties, products and proceeds in connection with any of the foregoing and the right to sue for any past, present or future infringement, misappropriation or other violation thereof and to collect and retain all damages and profits related to the foregoing, and any priority right that may arise from any such Assigned Patents.

2. Recordation. Assignor hereby consents to and authorizes the United States Patent and Trademark Office or any other governmental office or agency in each jurisdiction other than the United States to record this Agreement and to issue any and all patents or certificates of

invention which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the entire interest therein. Assignee shall have the right to file patent applications included in the Assigned Patents in any country.

3. Further Acts. Assignor will assist Assignee (at Assignee's sole cost and expense) in connection with any such recording, and shall duly execute and deliver, or cause to be duly executed and delivered, such further instruments and do and cause to be done such further acts and things necessary or useful for the procurement, maintenance, enforcement and defense of any Assigned Patent, or for any proceeding, including interference, opposition proceedings, post-issuance patent challenges and other proceedings under the U.S. Leahy-Smith America Invents Act, in each case in connection with any Assigned Patent in any country, including the filing of such assignments, agreements, documents and instruments, but, in each case, only if and to the extent Assignee may reasonably request in order to fulfill the purposes and intent of this Agreement. Assignor shall promptly forward to Assignee any correspondence or other communication from any patent office or any counsel employed by Assignor in connection with any of the Assigned Patents.

4. Conflicts. In the event of any conflict, ambiguity or inconsistency between the terms set out in this Agreement and the Purchase Agreement (including, without limitation, any schedule hereto or thereto), the terms of the Purchase Agreement shall govern and control, including with regard to any representations, warranties, covenants, or indemnities included in the Purchase Agreement.

5. Successors. This Agreement and all of the provisions hereof will be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

6. Counterparts. This Agreement may be executed in one or more counterparts (including by means of telecopied portable document format (pdf) signature pages), any one of which need not contain the signatures of more than one Party, but all such counterparts taken together shall constitute one and the same agreement.


7. Governing Law. All questions concerning the construction, validity and interpretation of this Agreement, including Schedule A hereto, will be governed by and construed in accordance with the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision that would cause the application of the laws of any jurisdiction other than the State of New York.

[Signature page follows]

IN WITNESS WHEREOF, Assignor and Assignee have caused this Agreement to be duly executed by its authorized representative as of the day and year first above written.

ASSIGNOR:

BRISTOL-MYERS SQUIBB COMPANY

By: 

Name: Paul R. Biondi

Title: Senior Vice President, Business
Development

IN WITNESS WHEREOF, Assignor and Assignee have caused this Agreement to be duly executed by its authorized representative as of the day and year first above written.

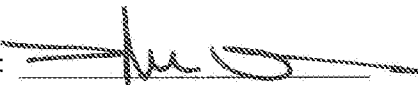
ASSIGNOR:

BRISTOL-MYERS SQUIBB COMPANY

By: _____
Name:
Title:

ASSIGNEE:

VIIV HEALTHCARE (NO. 5) LIMITED

By: 
Name: _____
Title: *Deanne Andrews*
CFO Viiv Healthcare

Schedule A

Assigned Patents

1. HIV Allini

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|--------------------|------------------|-------------------|--------------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12123-CN-PCT | China | PCT/US2014/022501 | 10 Mar 2014 | | | Pending |
| 12123-EP-EPT | European Procedure (Patents) | 14717006.2 | 10 Mar 2014 | | | Pending |
| 12123-IN-PCT | India | PCT/US2014/022501 | 10 Mar 2014 | | | Pending |
| 12123-JP-PCT | Japan | PCT/US2014/022501 | 10 Mar 2014 | | | Pending |
| 12123-US-PCT | United States Of America | | | | | Designated |
| 12123-US-PSP | United States Of America | 61/779858 | 13 Mar 2013 | | | Expiry date |
| 12123-WO-PCT | International Procedure | PCT/US2014/022501 | 10 Mar 2014 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|--------------------|------------------|-------------------|--------------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12124-CN-PCT | China | PCT/US2014/022405 | 10 Mar 2014 | | | Pending |
| 12124-EP-EPT | European Procedure (Patents) | PCT/US2014/022405 | 10 Mar 2014 | | | Pending |
| 12124-IN-PCT | India | PCT/US2014/022405 | 10 Mar 2014 | | | Pending |
| 12124-JP-PCT | Japan | PCT/US2014/022405 | 10 Mar 2014 | | | Pending |
| 12124-US-PCT | United States Of America | | | | | Designated |
| 12124-US-PSP | United States Of America | 61/779589 | 13 Mar 2013 | | | Expiry date |
| 12124-WO-PCT | International Procedure | PCT/US2014/022405 | 10 Mar 2014 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|--------------------|------------------|-------------------|--------------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12145-CN-PCT | China | PCT/US2014/022354 | 10 Mar 2014 | | | Pending |
| 12145-EP-EPT | European Procedure (Patents) | PCT/US2014/022354 | 10 Mar 2014 | | | Pending |
| 12145-IN- | India | PCT/US2014/022354 | 10 Mar | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|--------------------------|-------------------|-------------|-----------|------------|-------------|
| PCT | | | 2014 | | | |
| 12145-JP-PCT | Japan | PCT/US2014/022354 | 10 Mar 2014 | | | Pending |
| 12145-US-PCT | United States Of America | | | | | Designated |
| 12145-US-PSP | United States Of America | 61/780179 | 13 Mar 2013 | | | Expiry date |
| 12145-WO-PCT | International Procedure | PCT/US2014/022354 | 10 Mar 2014 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12162-CN-PCT | China | PCT/US2014/025525 | 13 Mar 2014 | | | Pending |
| 12162-EP-EPT | European Procedure (Patents) | PCT/US2014/025525 | 13 Mar 2014 | | | Pending |
| 12162-IN-PCT | India | PCT/US2014/025525 | 13 Mar 2014 | | | Pending |
| 12162-JP-PCT | Japan | PCT/US2014/025525 | 13 Mar 2014 | | | Pending |
| 12162-US-PCT | United States Of America | | | | | Designated |
| 12162-US-PSP | United States Of America | 61/781764 | 14 Mar 2013 | | | Expiry date |
| 12162-WO-PCT | International Procedure | PCT/US2014/025525 | 13 Mar 2014 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: PYRAZOLOPYRIMIDINE MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12284-EP-EPT | European Procedure (Patents) | PCT/US2015/015154 | 10 Feb 2015 | | | Pending |
| 12284-US-PSP | United States Of America | 61/938959 | 12 Feb 2014 | | | Expiry date |
| 12284-WO-PCT | International Procedure | PCT/US2015/015154 | 10 Feb 2015 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: IMIDAZOPYRIDINE MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12285-AR-NP | Argentina | P150100454 | 13 Feb 2015 | | | Pending |
| 12285-EP-EPT | European Procedure (Patents) | PCT/US2015/015809 | 13 Feb 2015 | | | Pending |
| 12285- | Taiwan | 104105741 | 17 Feb | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|--------------------------|-------------------|-------------|-----------|------------|-------------|
| TW-NP | | | 2015 | | | |
| 12285-US-NP | United States Of America | 14/619213 | 11 Feb 2015 | | | Pending |
| 12285-US-PSP | United States Of America | 61/941004 | 18 Feb 2014 | | | Expiry date |
| 12285-VE-NP | Venezuela | 2015/0159 | 18 Feb 2015 | | | Pending |
| 12285-WO-PCT | International Procedure | PCT/US2015/015809 | 13 Feb 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: BENZOTHAZOLE MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12286-EP-EPT | European Procedure (Patents) | PCT/US2015/015307 | 11 Feb 2015 | | | Publication |
| 12286-US-PSP | United States Of America | 61/938856 | 12 Feb 2014 | | | Expiry date |
| 12286-WO-PCT | International Procedure | PCT/US2015/015307 | 11 Feb 2015 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12385-EP-EPT | European Procedure (Patents) | | | | | Designated |
| 12385-US-PSP | United States Of America | 62/042300 | 27 Aug 2014 | | | Pending |
| 12385-WO-PCT | International Procedure | | | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 11573-EP-EPT | European Procedure (Patents) | 13705712.1 | 14 Feb 2013 | | | Pending |
| 11573-US-NP | United States Of America | 13/766587 | 13 Feb 2013 | 8629276 | 14 Jan 2014 | Grant |
| 11573-US-PSP | United States Of America | 61/599102 | 15 Feb 2012 | | | Expiry date |
| 11573-WO-PCT | International Procedure | PCT/US2013/026082 | 14 Feb 2013 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 11574-EP-EPT | European Procedure (Patents) | 13710240.6 | 04 Mar 2013 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|--------------------------|-------------------|-------------|-----------|-------------|---------------|
| 11574-US-NP | United States Of America | 13/782198 | 01 Mar 2013 | 9034882 | 19 May 2015 | Grant |
| 11574-US-PSP | United States Of America | 61/606626 | 05 Mar 2012 | | | Expiry date |
| 11574-WO-PCT | International Procedure | PCT/US2013/028846 | 04 Mar 2013 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 11625-DE-EPT | Germany | 11758033.2 | 06 Sep 2011 | 602011008456.9 | 16 Jul 2014 | Grant |
| 11625-EP-EPT | European Procedure (Patents) | 11758033.2 | 06 Sep 2011 | 2614064 | 16 Jul 2014 | Grant |
| 11625-FR-EPT | France | 11758033.2 | 06 Sep 2011 | 2614064 | 16 Jul 2014 | Grant |
| 11625-GB-EPT | United Kingdom | 11758033.2 | 06 Sep 2011 | 2614064 | 16 Jul 2014 | Grant |
| 11625-US-NP | United States Of America | 13/224802 | 02 Sep 2011 | 8633200 | 21 Jan 2014 | Grant |
| 11625-US-PSP | United States Of America | 61/380759 | 08 Sep 2010 | | | Expiry date |
| 11625-WO-PCT | International Procedure | PCT/US2011/050503 | 06 Sep 2011 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 11828-EP-EPT | European Procedure (Patents) | 12766343.3 | 13 Aug 2012 | | | Abandoned |
| 11828-US-NP | United States Of America | 13/570738 | 09 Aug 2012 | 8791108 | 29 Jul 2014 | Grant |
| 11828-US-PSP | United States Of America | 61/525032 | 18 Aug 2011 | | | Expiry date |
| 11828-WO-PCT | International Procedure | PCT/US2012/050529 | 13 Aug 2012 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 11836-CN-PCT | China | PCT/US2014/021867 | 07 Mar 2014 | | | Pending |
| 11836-EP-EPT | European Procedure (Patents) | PCT/US2014/021867 | 07 Mar 2014 | | | Pending |
| 11836-IN-PCT | India | PCT/US2014/021867 | 07 Mar 2014 | | | Pending |
| 11836-JP-PCT | Japan | PCT/US2014/021867 | 07 Mar 2014 | | | Pending |
| 11836-US- | United States | | | | | Designated |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| PCT | Of America | | | | | |
| 11836-US-PSP | United States Of America | 61/781315 | 14 Mar 2013 | | | Expiry date |
| 11836-WO-PCT | International Procedure | PCT/US2014/021867 | 07 Mar 2014 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|-------------|---------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 11838-EP-EPT | European Procedure (Patents) | 13710940.1 | 04 Mar 2013 | | | Publication |
| 11838-US-NP | United States Of America | 13/782996 | 01 Mar 2013 | 9006235 | 14 Apr 2015 | Grant |
| 11838-US-PSP | United States Of America | 61/607184 | 06 Mar 2012 | | | Expiry date |
| 11838-WO-PCT | International Procedure | PCT/US2013/028903 | 04 Mar 2013 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12012-AR-NP | Argentina | P130102903 | 15 Aug 2013 | | | Pending |
| 12012-AU-PCT | Australia | 2013302873 | 12 Aug 2013 | | | Pending |
| 12012-BR-PCT | Brazil | 112015003175-7 | 12 Aug 2013 | | | Pending |
| 12012-CA-PCT | Canada | 2882077 | 12 Aug 2013 | | | Pending |
| 12012-CN-PCT | China | 201380043596.7 | 12 Aug 2013 | | | Publication |
| 12012-EA-EAT | Eurasian Procedure | 201590358 | 12 Aug 2013 | | | Pending |
| 12012-EP-EPT | European Procedure (Patents) | 13750479.1 | 12 Aug 2013 | | | Publication |
| 12012-IL-PCT | Israel | 237154 | 12 Aug 2013 | | | Pending |
| 12012-IN-PCT | India | 749/CHENP/15 | 12 Aug 2013 | | | Pending |
| 12012-JP-PCT | Japan | 2015527515 | 12 Aug 2013 | | | Pending |
| 12012-KR-PCT | South Korea / Republic of Korea | 2015-7006290 | 12 Aug 2013 | | | Pending |
| 12012-MX-PCT | Mexico | PCT/US2013/054532 | 12 Aug 2013 | | | Pending |
| 12012-SG-PCT | Singapore | 11201500887Q | 12 Aug 2013 | | | Abandoned |
| 12012- | Taiwan | 102129364 | 15 Aug | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|-----------------|--------------------------|-------------------|-------------|-----------|-------------|---------------|
| TW-NP | | | 2013 | | | |
| 12012-US-NP | United States Of America | 13/959268 | 05 Aug 2013 | 8906929 | 09 Dec 2014 | Grant |
| 12012-US-PSP | United States Of America | 61/683772 | 16 Aug 2012 | | | Expiry date |
| 12012-US-PSP[2] | United States Of America | 61/818572 | 02 May 2013 | | | Expiry date |
| 12012-VE-NP | Venezuela | 2013/1040 | 14 Aug 2013 | | | Publication |
| 12012-WO-PCT | International Procedure | PCT/US2013/054532 | 12 Aug 2013 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12270-AR-NP | Argentina | P150100509 | 20 Feb 2015 | | | Pending |
| 12270-EP-EPT | European Procedure (Patents) | PCT/US2015/015622 | 12 Feb 2015 | | | Pending |
| 12270-TW-NP | Taiwan | 104105742 | 17 Feb 2015 | | | Pending |
| 12270-US-NP | United States Of America | 14/619438 | 11 Feb 2015 | | | Publication |
| 12270-US-PSP | United States Of America | 61/942207 | 20 Feb 2014 | | | Expiry date |
| 12270-VE-NP | Venezuela | 2015/0169 | 20 Feb 2015 | | | Pending |
| 12270-WO-PCT | International Procedure | PCT/US2015/015622 | 12 Feb 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: PYRAZOLOPYRIMIDINE MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12271-AR-NP | Argentina | P150100473 | 18 Feb 2015 | | | Pending |
| 12271-EP-EPT | European Procedure (Patents) | PCT/US2015/015742 | 13 Feb 2015 | | | Pending |
| 12271-TW-NP | Taiwan | 104105742 | 17 Feb 2015 | | | Pending |
| 12271-US-NP | United States Of America | 14/619728 | 11 Feb 2015 | | | Pending |
| 12271-US-PSP | United States Of America | 61/941931 | 19 Feb 2014 | | | Expiry date |
| 12271-VE-NP | Venezuela | 2015/0158 | 18 Feb 2015 | | | Pending |
| 12271-WO-PCT | International Procedure | PCT/US2015/015742 | 13 Feb 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: PYRIDIN-3-YL ACETIC ACID MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12272-EP-EPT | European Procedure (Patents) | PCT/US2015/016493 | 19 Feb 2015 | | | Pending |
| 12272-US-PSP | United States Of America | 61/942244 | 20 Feb 2014 | | | Expiry date |
| 12272-WO-PCT | International Procedure | PCT/US2015/016493 | 19 Feb 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: PYRAZOLOPYRIMIDINE MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12288-EP-EPT | European Procedure (Patents) | PCT/US2015/015758 | 13 Feb 2015 | | | Pending |
| 12288-US-PSP | United States Of America | 61/940952 | 18 Feb 2014 | | | Expiry date |
| 12288-WO-PCT | International Procedure | PCT/US2015/015758 | 13 Feb 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12298-AR-NP | Argentina | | | | | Pending |
| 12298-EP-EPT | European Procedure (Patents) | PCT/US2015/015933 | 13 Feb 2015 | | | Pending |
| 12298-TW-NP | Taiwan | | | | | Pending |
| 12298-US-PSP | United States Of America | 61/941619 | 19 Feb 2014 | | | Expiry date |
| 12298-VE-NP | Venezuela | | | | | Pending |
| 12298-WO-PCT | International Procedure | PCT/US2015/015933 | 13 Feb 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: IMIDAZOPYRIMIDINE MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12299-EP-EPT | European Procedure (Patents) | PCT/US2015/015895 | 13 Feb 2015 | | | Pending |
| 12299-US-PSP | United States Of America | 61/940912 | 18 Feb 2014 | | | Expiry date |
| 12299-WO-PCT | International Procedure | PCT/US2015/015895 | 13 Feb 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|-------------------------|--------------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12303-WO-PCT | International Procedure | PCT /US2014/017070 | 19 Feb 2014 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12480-US-PSP | United States Of America | 62/189975 | 08 Jul 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12481-US-PSP | United States Of America | 62/188852 | 06 Jul 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12482-US-PSP | United States Of America | 62/202973 | 10 Aug 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12489-US-PSP | United States Of America | 62/202521 | 07 Aug 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12507-US-PSP | United States Of America | 62/190338 | 09 Jul 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12510-US-PSP | United States Of America | 62/190598 | 09 Jul 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12591-US-PSP | United States Of America | 62/204239 | 12 Aug 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: 5-(N-BENZYL TETRAHYDROISOQUINOLIN-6-YL) PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12595-US-PSP | United States Of America | 62/203791 | 11 Aug 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: 5-(N-[6,5]-FUSED BICYCLIC ARYL TETRAHYDROISOQUINOLIN-6-YL) PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12596-US-PSP | United States Of America | 62/203986 | 12 Aug 2015 | | | Filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: 5-(N-FUSED TRICYCLIC ARYL TETRAHYDROISOQUINOLIN-6-YL) PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12597-US-PSP | United States Of America | 62/204117 | 12 Aug 2015 | | | Filing |

2. HIV Attachment

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|-------------------|-------------|-------------|------------|-------------|----------------------------|
| Title: ANTIVIRAL AZAINDOLE DERIVATIVES | | | | | | |
| GY0083-BE-EPT | Belgium | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-BR-PCT | Brazil | PI0108485.2 | 19 Jan 2001 | | | Publication of application |
| GY0083-CA-PCT | Canada | 2400700 | 19 Jan 2001 | 2400700 | 26 Oct 2010 | Grant |
| GY0083-CH-EPT | Switzerland | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-CL-NP | Chile | 0393/01 | 20 Feb 2001 | | | Filing |
| GY0083-CN-PCT | China | 01805504.4 | 19 Jan 2001 | | | Abandoned |
| GY0083-CO-NP | Colombia | 01013.156 | 20 Feb 2001 | | | Abandoned |
| GY0083-CY-EPT | Cyprus (Republic) | 01904970.9 | 19 Jan 2001 | 1107460 | 28 Dec 2005 | Grant |
| GY0083-CZ-PCT | Czech Republic | 2002-2840 | 19 Jan 2001 | | | Abandoned |
| GY0083-DE-EPT | Germany | 01904970.9 | 19 Jan 2001 | 60116260.9 | 28 Dec 2005 | Grant |
| GY0083-DK-EPT | Denmark | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-EC-NP | Ecuador | 20013938 | 21 Feb 2001 | | | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---------------|---------------------------------|-----------------|-------------|-------------|-------------|-------------|
| GY0083-EG-MBA | Egypt | 152/2001 | 19 Feb 2001 | 24669 | 11 Apr 2010 | Grant |
| GY0083-EP-EPT | European Procedure (Patents) | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-ES-EPT | Spain | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-FI-EPT | Finland | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-FR-EPT | France | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-GB-EPT | United Kingdom | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-GR-EPT | Greece | 01904970.9 | 19 Jan 2001 | 3057106 | 28 Dec 2005 | Grant |
| GY0083-HK-FPR | Hong Kong | 03102905.7 | 23 Apr 2003 | HK1052132 | 25 Aug 2006 | Grant |
| GY0083-HU-PCT | Hungary | P0301508 | 19 Jan 2001 | 229992 | 21 May 2015 | Grant |
| GY0083-ID-PCT | Indonesia | W00 2002/01868 | 19 Jan 2001 | ID0023524 | 03 Jun 2009 | Abandoned |
| GY0083-IE-EPT | Ireland | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-IL-PCT | Israel | 150734 | 19 Jan 2001 | | | Abandoned |
| GY0083-IN-MBA | India | 2002/00977 | 19 Jan 2001 | 206388 | 25 Apr 2007 | Grant |
| GY0083-IT-EPT | Italy | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-JP-PCT | Japan | 2001/561320 | 19 Jan 2001 | 3868814 | 20 Oct 2006 | Grant |
| GY0083-KR-PCT | South Korea / Republic of Korea | 10-2002-7010888 | 19 Jan 2001 | 496574 | 13 Jun 2005 | Grant |
| GY0083-LU-EPT | Luxembourg | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-LV-EPT | Latvia | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-MC-EPT | Monaco | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-MK-EPT | Macedonia (F.Y.R.) | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-MX-PCT | Mexico | PA/A/02/008113 | 19 Jan 2001 | 228254 | 03 Jun 2005 | Grant |
| GY0083-MY-NP | Malaysia | PI20010516 | 06 Feb 2001 | MY-128458-A | 28 Feb 2007 | Abandoned |
| GY0083-NL-EPT | Netherlands | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-NO-PCT | Norway | 2002/3981 | 19 Jan 2001 | 323564 | 11 Jun 2007 | Grant |
| GY0083-NZ-PCT | New Zealand | 520317 | 19 Jan 2001 | 520317 | 09 Sep 2004 | Grant |
| GY0083- | Peru | 0190/01 | 22 Feb | 4256 | 09 Mar 2006 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---------------|--------------------------|-------------------|-------------|---------------|-------------|----------------------------|
| PE-NP | | | 2001 | | | |
| GY0083-PH-NP | Philippines | 1-2001-00229 | 02 Feb 2001 | 1-2001-00229 | 18 Oct 2006 | Abandoned |
| GY0083-PK-MBA | Pakistan | 104/2001 | 07 Feb 2001 | | | Abandoned |
| GY0083-PL-PCT | Poland | P-357434 | 19 Jan 2001 | | | Abandoned |
| GY0083-PT-EPT | Portugal | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-RO-EPT | Romania | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-RU-PCT | Russian Federation | 2002/125494 | 19 Jan 2001 | 2259372 | 27 Aug 2005 | Grant |
| GY0083-SE-EPT | Sweden | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-SG-PCT | Singapore | 200205021.9 | 19 Jan 2001 | 91164 | 31 Jan 2008 | Grant |
| GY0083-SI-EPT | Slovenia | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-TH-NP | Thailand | 063668 | 20 Feb 2001 | | | Publication of application |
| GY0083-TR-EPT | Turkey | 01904970.9 | 19 Jan 2001 | TR200600286T4 | 28 Dec 2005 | Grant |
| GY0083-TR-PCT | Turkey | 2002/01961 | 19 Jan 2001 | TR200201961B | 21 Oct 2003 | Grant |
| GY0083-TW-NP | Taiwan | 90102639 | 07 Feb 2001 | NI-293629 | 21 Feb 2008 | Grant |
| GY0083-US-NP | United States Of America | 09/765189 | 18 Jan 2001 | | | Abandoned |
| GY0083-US-PSP | United States Of America | 60/184004 | 22 Feb 2000 | | | Expiry date |
| GY0083-UY-NP | Uruguay | 26.593 | 21 Feb 2001 | 14398 | 27 Dec 2012 | Grant |
| GY0083-VE-NP | Venezuela | 393/2001 | 21 Feb 2001 | | | Publication of application |
| GY0083-WO-PCT | International Procedure | PCT/US2001/002009 | 19 Jan 2001 | | | PCT CONVERTED |
| GY0083-ZA-PCT | South Africa | 2002/6073 | 19 Jan 2001 | 2002/6073 | 28 Jan 2004 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|------------|-------------|-----------|-------------|-------------|
| Title: AMINIUM SALTS OF 1,2,3-TRIAZOLES AS PRODRUGS OF DRUGS INCLUDING ANTIVIRAL AGENTS | | | | | | |
| 10365-AR-NP | Argentina | P050105612 | 28 Dec 2005 | | | Filing |
| 10365-CL-NP | Chile | 3467/05 | 29 Dec 2005 | | | Abandoned |
| 10365-EP-EPT | European Procedure (Patents) | | | | | Not Filed |
| 10365-MT- | Malta | 3218 | 29 Dec | 3218 | 03 Jul 2006 | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|-----------------|--------------------------|-------------------|-------------|-----------|-------------|-------------|
| NP | | | 2005 | | | |
| 10365-MY-NP | Malaysia | PI20056235 | 28 Dec 2005 | | | Abandoned |
| 10365-PE-NP | Peru | 000002/2006-OIN | 03 Jan 2006 | | | Abandoned |
| 10365-PK-NP | Pakistan | 1273/05 | 26 Dec 2005 | | | Abandoned |
| 10365-TH-NP | Thailand | 107537 | 28 Dec 2005 | | | Abandoned |
| 10365-TW-NP | Taiwan | 94145889 | 22 Dec 2005 | | | Abandoned |
| 10365-US-NP | United States Of America | 11/301046 | 12 Dec 2005 | 7183284 | 27 Feb 2007 | Grant |
| 10365-US-PSP[1] | United States Of America | 60/640185 | 29 Dec 2004 | | | Expiry date |
| 10365-VE-NP | Venezuela | VN05/002721 | 27 Dec 2005 | | | Abandoned |
| 10365-WO-PCT | International Procedure | PCT/US2005/045591 | 15 Dec 2005 | | | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|-------------------|----------------|-------------|----------------|-------------|----------------------------|
| Title: DIAZAINDOLE-DICARBONYL-PIPERAZINYL ANTIVIRAL AGENTS | | | | | | |
| 10080-AR-NP | Argentina | P040104394 | 26 Nov 2004 | 046720 | 29 Dec 2011 | Grant |
| 10080-AT-EPT | Austria | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-AU-PCT | Australia | 2004295309 | 04 Nov 2004 | | | Abandoned |
| 10080-BE-EPT | Belgium | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-BG-EPT | Bulgaria | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-BR-PCT | Brazil | PI0417007.5 | 04 Nov 2004 | | | Publication of application |
| 10080-CA-PCT | Canada | 2547347 | 04 Nov 2004 | 2547347 | 15 May 2012 | Grant |
| 10080-CH-EPT | Switzerland | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-CL-NP | Chile | 2004-3040 | 26 Nov 2004 | | | Abandoned |
| 10080-CL-OPP | Chile | 2004-3040 | 26 Nov 2004 | | | Abandoned |
| 10080-CN-PCT | China | 200480041015.7 | 04 Nov 2004 | | | Abandoned |
| 10080-CO-PCT | Colombia | 06049957 | 04 Nov 2004 | | | Abandoned |
| 10080-CY-EPT | Cyprus (Republic) | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-CZ-EPT | Czech Republic | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-DE- | Germany | 04810538.1 | 04 Nov | 602004028173.5 | 14 Jul 2010 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|---------------------------------|------------------|-------------|-----------|-------------|----------------|
| EPT | | | 2004 | | | |
| 10080-DK-EPT | Denmark | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-EE-EPT | Estonia | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-EP-EPT | European Procedure (Patents) | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-ES-EPT | Spain | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-FI-EPT | Finland | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-FR-EPT | France | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-GB-EPT | United Kingdom | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-GE-PCT | Georgia | 2004009473 | 04 Nov 2004 | | | Abandoned |
| 10080-GR-EPT | Greece | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-HK-FPR | Hong Kong | 07108880.9 | 14 Aug 2007 | | | Abandoned |
| 10080-HR-EPT | Croatia | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-HU-EPT | Hungary | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-ID-PCT | Indonesia | W00200601434 | 04 Nov 2004 | | | Abandoned |
| 10080-IE-EPT | Ireland | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-IL-PCT | Israel | 175809 | 04 Nov 2004 | 175809 | 28 Jun 2012 | Grant |
| 10080-IN-PCT | India | 02505/DELNP/2006 | 04 Nov 2004 | 246027 | 09 Feb 2011 | Grant |
| 10080-IS-EPT | Iceland | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-IS-PCT | Iceland | 8479 | 04 Nov 2004 | | | Local filing-C |
| 10080-IT-EPT | Italy | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-JP-PCT | Japan | 2006-541240 | 04 Nov 2004 | | | Abandoned |
| 10080-KR-PCT | South Korea / Republic of Korea | 10-2006-7010260 | 04 Nov 2004 | | | Abandoned |
| 10080-LT-EPT | Lithuania | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Not Filed |
| 10080-LU-EPT | Luxembourg | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-LV-EPT | Latvia | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Not Filed |
| 10080-MC-EPT | Monaco | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|-----------------|--------------------------|-----------------|-------------|-----------|-------------|----------------------------|
| 10080-MT-NP | Malta | 2492 | 19 Nov 2004 | 2492 | 02 Jun 2005 | Grant |
| 10080-MX-PCT | Mexico | PA/A/06/005730 | 04 Nov 2004 | 274175 | 18 Feb 2010 | Grant |
| 10080-MY-NP | Malaysia | PI20044877 | 24 Nov 2004 | | | Abandoned |
| 10080-NL-EPT | Netherlands | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-NO-PCT | Norway | 20062474 | 04 Nov 2004 | 336261 | 06 Jul 2015 | Grant |
| 10080-NZ-PCT | New Zealand | 546904 | 04 Nov 2004 | 546904 | 13 May 2010 | Grant |
| 10080-PE-NP | Peru | 001165/2004-OIN | 26 Nov 2004 | | | Abandoned |
| 10080-PH-PCT | Philippines | 1-2006-500970 | 04 Nov 2004 | | | Abandoned |
| 10080-PK-DIV[1] | Pakistan | | | | | Not Filed |
| 10080-PK-MBA | Pakistan | 0947/04 | 24 Nov 2004 | | | Abandoned |
| 10080-PL-EPT | Poland | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-PT-EPT | Portugal | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-RO-EPT | Romania | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-RU-PCT | Russian Federation | 2006122661 | 04 Nov 2004 | 2362777 | 27 Jul 2009 | Grant |
| 10080-SE-EPT | Sweden | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-SG-PCT | Singapore | 200602932.6 | 04 Nov 2004 | | | Abandoned |
| 10080-SI-EPT | Slovenia | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-SK-EPT | Slovakia | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-TH-NP | Thailand | 095639 | 24 Nov 2004 | | | Publication of application |
| 10080-TR-EPT | Turkey | 04810538.1 | 04 Nov 2004 | 1751161 | 14 Jul 2010 | Grant |
| 10080-TW-NP | Taiwan | 93135865 | 22 Nov 2004 | NI-336253 | 21 Jan 2011 | Grant |
| 10080-UA-PCT | Ukraine | 200607023/A | 04 Nov 2004 | 85502 | 26 Jan 2009 | Abandoned |
| 10080-US-CNT[1] | United States Of America | 12/026633 | 06 Feb 2008 | 7902204 | 08 Mar 2011 | Grant |
| 10080-US-NP | United States Of America | 10/979558 | 02 Nov 2004 | | | Abandoned |
| 10080-US-PSP[1] | United States Of America | 60/525624 | 26 Nov 2003 | | | Expiry date |
| 10080-VE-NP | Venezuela | VN04/002014 | 24 Nov 2004 | | | Publication of application |
| 10080-VN- | Vietnam | 1-2006-00981 | 04 Nov | | | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|-------------------------|-------------------|-------------|------------|-------------|---------------|
| PCT | | | 2004 | | | |
| 10080-WO-PCT | International Procedure | PCT/US2004/037213 | 04 Nov 2004 | | | PCT CONVERTED |
| 10080-ZA-PCT | South Africa | 2006/04331 | 04 Nov 2004 | 2006/04331 | 31 Oct 2007 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|---------------------------------|----------------|-------------|-----------|-------------|-------------|
| Title: ANTIVIRAL INDOLEOXOACETYL PIPERAZINE DERIVATIVES | | | | | | |
| GY0063-AR-NP | Argentina | P000102902 | 13 Jun 2000 | | | Abandoned |
| GY0063-AU-PCT | Australia | 50445/00 | 24 May 2000 | 761719 | 18 Sep 2003 | Abandoned |
| GY0063-BR-PCT | Brazil | PCT/US00/14359 | 24 May 2000 | | | Abandoned |
| GY0063-CA-PCT | Canada | 2340663 | 24 May 2000 | | | Abandoned |
| GY0063-CL-NP | Chile | 2000-1573 | 15 Jun 2000 | | | Abandoned |
| GY0063-CN-PCT | China | 00801649.6 | 24 May 2000 | | | Abandoned |
| GY0063-CO-NP | Colombia | 00044304 | 14 Jun 2000 | | | Abandoned |
| GY0063-CZ-PCT | Czech Republic | PV599-01 | 24 May 2000 | | | Abandoned |
| GY0063-EC-NP | Ecuador | 20003530 | 14 Jun 2000 | | | Abandoned |
| GY0063-EG-APA | Egypt | 775/2000 | 14 Jun 2000 | | | Abandoned |
| GY0063-EP-EPT | European Procedure (Patents) | PCT/US00/14359 | 24 May 2000 | | | Abandoned |
| GY0063-HK-FPR | Hong Kong | 01107584.6 | 30 Oct 2001 | | | Abandoned |
| GY0063-HU-PCT | Hungary | PCT/US00/14359 | 24 May 2000 | | | Abandoned |
| GY0063-ID-PCT | Indonesia | W200100359 | 24 May 2000 | | | Abandoned |
| GY0063-IL-PCT | Israel | 141224 | 24 May 2000 | | | Abandoned |
| GY0063-IN-PCT | India | 118/MUM/2001 | 24 May 2000 | | | Abandoned |
| GY0063-JP-PCT | Japan | 2001-502854 | 24 May 2000 | | | Abandoned |
| GY0063-KR-PCT | South Korea / Republic of Korea | 7001887/2001 | 24 May 2000 | | | Abandoned |
| GY0063-MX-PCT | Mexico | 001465 | 24 May 2000 | | | Abandoned |
| GY0063-MY-NP | Malaysia | PI20002545 | 06 Jun 2000 | | | Abandoned |
| GY0063- | Norway | 20010743 | 24 May | | | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---------------|--------------------------|----------------|-------------|-----------|-------------|-------------|
| NO-PCT | | | 2000 | | | |
| GY0063-NZ-PCT | New Zealand | 509684 | 24 May 2000 | | | Abandoned |
| GY0063-PE-NP | Peru | | | | | Abandoned |
| GY0063-PH-NP | Philippines | 1200001473 | 05 Jun 2000 | | | Abandoned |
| GY0063-PK-NP | Pakistan | 0508/2000 | 07 Jun 2000 | | | Abandoned |
| GY0063-PL-PCT | Poland | P.346117 | 24 May 2000 | | | Abandoned |
| GY0063-RU-PCT | Russian Federation | 2001107146 | 24 May 2000 | | | Abandoned |
| GY0063-SG-PCT | Singapore | 200100635-2 | 24 May 2000 | | | Abandoned |
| GY0063-TH-NP | Thailand | 058253 | 13 Jun 2000 | | | Abandoned |
| GY0063-TR-PCT | Turkey | 2001/00671 | 24 May 2000 | | | Abandoned |
| GY0063-TW-NP | Taiwan | 89111452 | 12 Jun 2000 | | | Abandoned |
| GY0063-US-CPA | United States Of America | 09/571460 | 16 May 2000 | 6469006 | 22 Oct 2002 | Grant |
| GY0063-US-PSP | United States Of America | 60/139213 | 15 Jun 1999 | | | Expiry date |
| GY0063-UY-NP | Uruguay | 26205 | 13 Jun 2000 | | | Abandoned |
| GY0063-VE-NP | Venezuela | 1286/2000 | 13 Jun 2000 | | | Abandoned |
| GY0063-WO-PCT | International Procedure | PCT/US00/14359 | 24 May 2000 | | | Abandoned |
| GY0063-ZA-PCT | South Africa | 2001/1059 | 24 May 2000 | | | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: PIPERAZINE AMIDINES AS ANTIVIRAL AGENTS | | | | | | |
| 10647-DE-EPT | Germany | 06816178.5 | 03 Oct 2006 | 602006026059.8 | 23 Nov 2011 | Grant |
| 10647-EP-EPT | European Procedure (Patents) | 06816178.5 | 03 Oct 2006 | 1943221 | 23 Nov 2011 | Grant |
| 10647-ES-EPT | Spain | 06816178.5 | 03 Oct 2006 | 1943221 | 23 Nov 2011 | Grant |
| 10647-FR-EPT | France | 06816178.5 | 03 Oct 2006 | 1943221 | 23 Nov 2011 | Grant |
| 10647-GB-EPT | United Kingdom | 06816178.5 | 03 Oct 2006 | 1943221 | 23 Nov 2011 | Grant |
| 10647-IT-EPT | Italy | 06816178.5 | 03 Oct 2006 | 1943221 | 23 Nov 2011 | Grant |
| 10647-US-NP | United States Of America | 11/541826 | 02 Oct 2006 | 7396830 | 08 Jul 2008 | Grant |

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| 10647-US-PSP[1] | United States Of America | 60/723580 | 04 Oct 2005 | | | Expiry date |
| 10647-WO-PCT | International Procedure | PCT/US2006/038731 | 03 Oct 2006 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INDOLE, AZAINDOLE AND RELATED HETEROCYCLIC 4-ALKENYL PIPERIDINE AMIDES | | | | | | |
| CT2731-AR-NP | Argentina | P030101879 | 28 May 2003 | AR040230A1 | 21 Jul 2014 | Grant |
| CT2731-AT-EPT | Austria | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-AU-PCT | Australia | 2003301958 | 30 Apr 2003 | 2003301958 | 14 Jan 2010 | Grant |
| CT2731-BE-EPT | Belgium | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-BG-EPT | Bulgaria | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-BR-PCT | Brazil | PI0311541.0 | 30 Apr 2003 | | | Publication of application |
| CT2731-CA-PCT | Canada | 2487542 | 30 Apr 2003 | 2487542 | 27 Sep 2011 | Grant |
| CT2731-CH-EPT | Switzerland | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-CL-NP | Chile | 1087/03 | 28 May 2003 | | | Filing |
| CT2731-CN-PCT | China | 03817565.7 | 30 Apr 2003 | 03817565.7 | 17 Apr 2009 | Grant |
| CT2731-CO-PCT | Colombia | 04119328 | 30 Apr 2003 | 766 | 11 Sep 2009 | Grant |
| CT2731-CY-EPT | Cyprus (Republic) | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-CZ-EPT | Czech Republic | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-DE-EPT | Germany | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-DK-EPT | Denmark | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-EE-EPT | Estonia | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-EP-EPT | European Procedure (Patents) | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-ES-EPT | Spain | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-FI-EPT | Finland | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-FR-EPT | France | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-GB-EPT | United Kingdom | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731- | Georgia | 8554 | 30 Apr | 4152 | 10 Jul 2007 | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| GE-PCT | | | 2003 | | | |
| CT2731-GR-EPT | Greece | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-HK-FPR | Hong Kong | 05105087.8 | 17 Jun 2005 | 1072055 | 21 Nov 2014 | Grant |
| CT2731-HR-PCT | Croatia | P20041137A | 30 Apr 2003 | P20041137 | 24 Oct 2014 | Grant |
| CT2731-HU-EPT | Hungary | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-ID-PCT | Indonesia | W00200402645 | 30 Apr 2003 | | | Abandoned |
| CT2731-IE-EPT | Ireland | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-IL-PCT | Israel | 165200 | 30 Apr 2003 | 165200 | 01 May 2011 | Grant |
| CT2731-IN-PCT | India | 3673/DELNP/2004 | 30 Apr 2003 | | | Publication of application |
| CT2731-IS-PCT | Iceland | 7546 | 30 Apr 2003 | | | Local filing-C |
| CT2731-IT-EPT | Italy | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-JP-PCT | Japan | 2004-551400 | 30 Apr 2003 | 4446889 | 29 Jan 2010 | Grant |
| CT2731-KR-PCT | South Korea / Republic of Korea | 10-2004-7019219 | 30 Apr 2003 | 1001811 | 09 Dec 2010 | Grant |
| CT2731-LU-EPT | Luxembourg | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-MC-EPT | Monaco | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-MT-NP | Malta | 1911 | 20 May 2003 | | | Filing |
| CT2731-MX-PCT | Mexico | PA/A/04/011670 | 30 Apr 2003 | 263131 | 15 Dec 2008 | Grant |
| CT2731-MY-NP | Malaysia | PI20031927 | 23 May 2003 | MY-139058-A | 28 Aug 2009 | Abandoned |
| CT2731-NL-EPT | Netherlands | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-NO-PCT | Norway | 20045064 | 30 Apr 2003 | 329691 | 29 Nov 2010 | Grant |
| CT2731-NZ-PCT | New Zealand | 536661 | 30 Apr 2003 | 536661 | 03 Apr 2008 | Grant |
| CT2731-PE-NP | Peru | 000514/2003-OIN | 28 May 2003 | | | Filing |
| CT2731-PH-PCT | Philippines | 1-2004-501908 | 30 Apr 2003 | 1-2004-501908 | 05 Jun 2009 | Abandoned |
| CT2731-PK-MBA | Pakistan | 0446/03 | 20 May 2003 | 140005 | 09 Mar 2009 | Abandoned |
| CT2731-PL-PCT | Poland | P-373603 | 30 Apr 2003 | | | ALLOWANCE |
| CT2731-PT-EPT | Portugal | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731- | Romania | 03811179.5 | 30 Apr | 1513832 | 05 Mar 2014 | Grant |

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|-------------------|---------------------------------|-------------------|-------------|-----------|-------------|----------------------------|
| RO-EPT | | | 2003 | | | |
| CT2731-RS-PCT | Serbia (ex-Serbia & Montenegro) | P-1013/04 | 30 Apr 2003 | 53021 | 24 Dec 2013 | Grant |
| CT2731-RU-PCT | Russian Federation | 2004138565 | 30 Apr 2003 | 2323934 | 10 May 2008 | Grant |
| CT2731-SE-EPT | Sweden | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-SG-PCT | Singapore | 200406741.9 | 30 Apr 2003 | 107508 | 30 Nov 2006 | Grant |
| CT2731-SI-EPT | Slovenia | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-SK-EPT | Slovakia | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-TH-NP | Thailand | 082624 | 27 May 2003 | | | Publication of application |
| CT2731-TR-EPT | Turkey | 03811179.5 | 30 Apr 2003 | 1513832 | 05 Mar 2014 | Grant |
| CT2731-TW-NP | Taiwan | 92113891 | 22 May 2003 | I310381 | 01 Jun 2009 | Grant |
| CT2731-UA-PCT | Ukraine | 20041210893/A | 30 Apr 2003 | 79470 | 25 Jun 2007 | Abandoned |
| CT2731-US-NP | United States Of America | 10/425370 | 29 Apr 2003 | | | Abandoned |
| CT2731-US-PSP | United States Of America | 60/383509 | 28 May 2002 | | | Expiry date |
| CT2731-VE-NP | Venezuela | 2003-000858 | 28 May 2003 | | | Publication of application |
| CT2731-VN-PCT | Vietnam | 1-2004-01382 | 30 Apr 2003 | | | Abandoned |
| CT2731-WO-PCT | International Procedure | PCT/US2003/013324 | 30 Apr 2003 | | | PCT CONVERTED |
| CT2731-ZA-PCT | South Africa | 2004/9504 | 30 Apr 2003 | 04/9504 | 31 May 2006 | Grant |
| CT2731A-US-CIP[1] | United States Of America | 10/762108 | 21 Jan 2004 | 7348337 | 25 Mar 2008 | Grant |
| CT2731A-US-DIV[1] | United States Of America | 12/015767 | 17 Jan 2008 | 7915283 | 29 Mar 2011 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: ANTIVIRAL AZAINDOLE DERIVATIVES | | | | | | |
| GY0083-AL-EPT | Albania | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-AR-NP | Argentina | P010100742 | 19 Feb 2001 | AR029469B1 | 29 Feb 2012 | Grant |
| GY0083-AT-EPT | Austria | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-AU-PCT | Australia | 2001232895 | 19 Jan 2001 | 2001232895 | 30 Jun 2005 | Grant |
| GY0083-BE-EPT | Belgium | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---------------|------------------------------|----------------|-------------|------------|-------------|----------------------------|
| GY0083-BR-PCT | Brazil | PI0108485.2 | 19 Jan 2001 | | | Publication of application |
| GY0083-CA-PCT | Canada | 2400700 | 19 Jan 2001 | 2400700 | 26 Oct 2010 | Grant |
| GY0083-CH-EPT | Switzerland | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-CL-NP | Chile | 0393/01 | 20 Feb 2001 | | | Filing |
| GY0083-CN-PCT | China | 01805504.4 | 19 Jan 2001 | | | Abandoned |
| GY0083-CO-NP | Colombia | 01013.156 | 20 Feb 2001 | | | Abandoned |
| GY0083-CY-EPT | Cyprus (Republic) | 01904970.9 | 19 Jan 2001 | 1107460 | 28 Dec 2005 | Grant |
| GY0083-CZ-PCT | Czech Republic | 2002-2840 | 19 Jan 2001 | | | Abandoned |
| GY0083-DE-EPT | Germany | 01904970.9 | 19 Jan 2001 | 60116260.9 | 28 Dec 2005 | Grant |
| GY0083-DK-EPT | Denmark | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-EC-NP | Ecuador | 20013938 | 21 Feb 2001 | | | Abandoned |
| GY0083-EG-MBA | Egypt | 152/2001 | 19 Feb 2001 | 24669 | 11 Apr 2010 | Grant |
| GY0083-EP-EPT | European Procedure (Patents) | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-ES-EPT | Spain | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-FI-EPT | Finland | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-FR-EPT | France | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-GB-EPT | United Kingdom | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-GR-EPT | Greece | 01904970.9 | 19 Jan 2001 | 3057106 | 28 Dec 2005 | Grant |
| GY0083-HK-FPR | Hong Kong | 03102905.7 | 23 Apr 2003 | HK1052132 | 25 Aug 2006 | Grant |
| GY0083-HU-PCT | Hungary | P0301508 | 19 Jan 2001 | 229992 | 21 May 2015 | Grant |
| GY0083-ID-PCT | Indonesia | W00 2002/01868 | 19 Jan 2001 | ID0023524 | 03 Jun 2009 | Abandoned |
| GY0083-IE-EPT | Ireland | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-IL-PCT | Israel | 150734 | 19 Jan 2001 | | | Abandoned |
| GY0083-IN-MBA | India | 2002/00977 | 19 Jan 2001 | 206388 | 25 Apr 2007 | Grant |
| GY0083-IT-EPT | Italy | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-JP-PCT | Japan | 2001/561320 | 19 Jan 2001 | 3868814 | 20 Oct 2006 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---------------|---------------------------------|-----------------|-------------|---------------|-------------|----------------------------|
| GY0083-KR-PCT | South Korea / Republic of Korea | 10-2002-7010888 | 19 Jan 2001 | 496574 | 13 Jun 2005 | Grant |
| GY0083-LU-EPT | Luxembourg | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-LV-EPT | Latvia | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-MC-EPT | Monaco | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-MK-EPT | Macedonia (F.Y.R.) | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-MX-PCT | Mexico | PA/A/02/008113 | 19 Jan 2001 | 228254 | 03 Jun 2005 | Grant |
| GY0083-MY-NP | Malaysia | PI20010516 | 06 Feb 2001 | MY-128458-A | 28 Feb 2007 | Abandoned |
| GY0083-NL-EPT | Netherlands | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-NO-PCT | Norway | 2002/3981 | 19 Jan 2001 | 323564 | 11 Jun 2007 | Grant |
| GY0083-NZ-PCT | New Zealand | 520317 | 19 Jan 2001 | 520317 | 09 Sep 2004 | Grant |
| GY0083-PE-NP | Peru | 0190/01 | 22 Feb 2001 | 4256 | 09 Mar 2006 | Grant |
| GY0083-PH-NP | Philippines | 1-2001-00229 | 02 Feb 2001 | 1-2001-00229 | 18 Oct 2006 | Abandoned |
| GY0083-PK-MBA | Pakistan | 104/2001 | 07 Feb 2001 | | | Abandoned |
| GY0083-PL-PCT | Poland | P-357434 | 19 Jan 2001 | | | Abandoned |
| GY0083-PT-EPT | Portugal | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-RO-EPT | Romania | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-RU-PCT | Russian Federation | 2002/125494 | 19 Jan 2001 | 2259372 | 27 Aug 2005 | Grant |
| GY0083-SE-EPT | Sweden | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Grant |
| GY0083-SG-PCT | Singapore | 200205021.9 | 19 Jan 2001 | 91164 | 31 Jan 2008 | Grant |
| GY0083-SI-EPT | Slovenia | 01904970.9 | 19 Jan 2001 | 1257276 | 28 Dec 2005 | Not Filed |
| GY0083-TH-NP | Thailand | 063668 | 20 Feb 2001 | | | Publication of application |
| GY0083-TR-EPT | Turkey | 01904970.9 | 19 Jan 2001 | TR200600286T4 | 28 Dec 2005 | Grant |
| GY0083-TR-PCT | Turkey | 2002/01961 | 19 Jan 2001 | TR200201961B | 21 Oct 2003 | Grant |
| GY0083-TW-NP | Taiwan | 90102639 | 07 Feb 2001 | NI-293629 | 21 Feb 2008 | Grant |
| GY0083-US-NP | United States Of America | 09/765189 | 18 Jan 2001 | | | Abandoned |
| GY0083-US-PSP | United States Of America | 60/184004 | 22 Feb 2000 | | | Expiry date |

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| GY0083-UY-NP | Uruguay | 26.593 | 21 Feb 2001 | 14398 | 27 Dec 2012 | Grant |
| GY0083-VE-NP | Venezuela | 393/2001 | 21 Feb 2001 | | | Publication of application |
| GY0083-WO-PCT | International Procedure | PCT/US2001/002009 | 19 Jan 2001 | | | PCT CONVERTED |
| GY0083-ZA-PCT | South Africa | 2002/6073 | 19 Jan 2001 | 2002/6073 | 28 Jan 2004 | Grant |
| GY0083A-US-CIP[1] | United States Of America | 09/912710 | 25 Jul 2001 | 6476034 | 05 Nov 2002 | Grant |
| GY0083A-US-DIV[1] | United States Of America | 10/268350 | 10 Oct 2002 | 6632819 | 14 Oct 2003 | Grant |
| GY0083A-US-DIV[2] | United States Of America | 10/621139 | 16 Jul 2003 | 6900323 | 31 May 2005 | Grant |

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| Title: CRYSTALLINE FORMS OF 1-BENZOYL-4-[2-[4-METHOXY-7-(3-METHYL-1H-1,2,4-TRIAZOL-1-YL)-1-[(PHOSPHONOXY)METHYL]-1H-PYRROLO[2,3-C]PYRIDIN-3-YL]-1,2-DIOXOETHYL]-PIPERAZINE | | | | | | |
| 10736-AU-PCT | Australia | 2006326432 | 13 Dec 2006 | 2006326432 | 25 Oct 2012 | Grant |
| 10736-BR-PCT | Brazil | PI0619851.1 | 13 Dec 2006 | | | Filing |
| 10736-CA-PCT | Canada | 2635717 | 13 Dec 2006 | | | Abandoned |
| 10736-CL-NP | Chile | | | | | Not Filed |
| 10736-CN-PCT | China | 200680047216.7 | 13 Dec 2006 | 200680047216.7 | 12 Dec 2012 | Grant |
| 10736-CO-PCT | Colombia | 08061017 | 13 Dec 2006 | 2080 | 24 Aug 2012 | Grant |
| 10736-EA-EAT | Eurasian Procedure | 200801529 | 13 Dec 2006 | 014706 | 28 Feb 2011 | Grant |
| 10736-EP-EPT | European Procedure (Patents) | 06848592.9 | 13 Dec 2006 | | | Abandoned |
| 10736-GE-PCT | Georgia | AP2006010811 | 13 Dec 2006 | 5413 | 20 Apr 2012 | Grant |
| 10736-HK-FPR | Hong Kong | 08112094.2 | 05 Nov 2008 | | | Abandoned |
| 10736-ID-PCT | Indonesia | W00200801871 | 13 Dec 2006 | P0030915 | 21 May 2012 | Grant |
| 10736-IL-PCT | Israel | 191769 | 13 Dec 2006 | 191769 | 01 Dec 2011 | Grant |
| 10736-JP-PCT | Japan | 2008-545772 | 13 Dec 2006 | 5400387 | 01 Nov 2013 | Grant |
| 10736-KR-PCT | South Korea / Republic of Korea | 2008-7016884 | 13 Dec 2006 | | | Abandoned |
| 10736-MX-PCT | Mexico | MX/A/08/007297 | 13 Dec 2006 | 292839 | 30 Nov 2011 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| 10736-MY-PCT | Malaysia | PI20082090 | 13 Dec 2006 | MY-144293-A | 29 Aug 2011 | Grant |
| 10736-NO-PCT | Norway | 20082477 | 13 Dec 2006 | | | Filing |
| 10736-NZ-PCD | New Zealand | 592684 | 05 May 2011 | 592684 | 05 Nov 2012 | Grant |
| 10736-NZ-PCT | New Zealand | 568776 | 13 Dec 2006 | 568776 | 10 Oct 2011 | Grant |
| 10736-PE-NP | Peru | | | | | Not Filed |
| 10736-PH-PCT | Philippines | 1-2008-501293 | 13 Dec 2006 | 1-2008-501293 | 28 Jan 2013 | Grant |
| 10736-RU-EAT | Russian Federation | 200801529 | 13 Dec 2006 | 014706 | 28 Feb 2011 | Grant |
| 10736-SG-PCT | Singapore | 200804112.1 | 13 Dec 2006 | 142974 | 15 Apr 2011 | Grant |
| 10736-UA-PCT | Ukraine | 200809079/A | 13 Dec 2006 | 94928 | 25 Jun 2011 | Grant |
| 10736-US-NP | United States Of America | 11/636755 | 11 Dec 2006 | 7851476 | 14 Dec 2010 | Grant |
| 10736-US-PSP[1] | United States Of America | 60/750247 | 14 Dec 2005 | | | Expiry date |
| 10736-VN-PCT | Vietnam | 1-2008-01743 | 13 Dec 2006 | | | Abandoned |
| 10736-WO-PCT | International Procedure | PCT/US2006/047571 | 13 Dec 2006 | | | PCT CONVERTED |
| 10736-ZA-PCT | South Africa | 2008/5063 | 13 Dec 2006 | 2008/5063 | 28 Oct 2009 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: COMPOSITION AND ANTIVIRAL ACTIVITY OF SUBSTITUTED INDOLEOXOACETIC PIPERAZINE DERIVATIVES | | | | | | |
| GY0084-AR-NP | Argentina | P010103269 | 10 Jul 2001 | | | Abandoned |
| GY0084-AT-EPT | Austria | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-AU-PCT | Australia | 2001/268727 | 26 Jun 2001 | 2001268727 | 07 Jul 2005 | Grant |
| GY0084-BE-EPT | Belgium | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-CA-PCT | Canada | 2413044 | 26 Jun 2001 | | | Abandoned |
| GY0084-CH-EPT | Switzerland | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-CL-NP | Chile | 2001-1623 | 10 Jul 2001 | | | Abandoned |
| GY0084-CY-EPT | Cyprus (Republic) | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-DE-EPT | Germany | 01946715.8 | 26 Jun 2001 | 60113543.1 | 21 Sep 2005 | Grant |
| GY0084- | Denmark | 01946715.8 | 26 Jun | 1299382 | 21 Sep 2005 | Grant |

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|---------------|------------------------------|---------------|-------------|-----------|-------------|-------------|
| DK-EPT | | | 2001 | | | |
| GY0084-EG-MBA | Egypt | 748/2001 | 07 Jul 2001 | | | Abandoned |
| GY0084-EP-EPT | European Procedure (Patents) | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-ES-EPT | Spain | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-FI-EPT | Finland | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-FR-EPT | France | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-GB-EPT | United Kingdom | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-GR-EPT | Greece | 01946715.8 | 26 Jun 2001 | A3055847 | 21 Sep 2005 | Grant |
| GY0084-HU-PCT | Hungary | P0303082 | 26 Jun 2001 | 230123 | 22 Sep 2015 | Grant |
| GY0084-IE-EPT | Ireland | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-IT-EPT | Italy | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-JP-PCT | Japan | 2002-509305 | 26 Jun 2001 | | | Abandoned |
| GY0084-LU-EPT | Luxembourg | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-MC-EPT | Monaco | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-MY-NP | Malaysia | PI20013219 | 06 Jul 2001 | | | Abandoned |
| GY0084-NL-EPT | Netherlands | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-PE-NP | Peru | 1132-2001/OIN | 10 Jul 2001 | | | Abandoned |
| GY0084-PH-NP | Philippines | 1-2001-01744 | 10 Jul 2001 | | | Abandoned |
| GY0084-PK-MBA | Pakistan | 623/2001 | 04 Jul 2001 | | | Abandoned |
| GY0084-PT-EPT | Portugal | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-SE-EPT | Sweden | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-TH-NP | Thailand | 066782 | 09 Jul 2001 | | | Abandoned |
| GY0084-TR-EPT | Turkey | 01946715.8 | 26 Jun 2001 | 1299382 | 21 Sep 2005 | Grant |
| GY0084-TW-NP | Taiwan | 90116381 | 04 Jul 2001 | | | Abandoned |
| GY0084-US-NP | United States Of America | 09/888686 | 25 Jun 2001 | | | Abandoned |
| GY0084-US-PSP | United States Of America | 60/217444 | 10 Jul 2000 | | | Expiry date |
| GY0084- | United States | 60/265978 | 02 Feb | | | Expiry date |

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| US-PSP[1] | Of America | | 2001 | | | |
| GY0084-UY-NP | Uruguay | 26.825 | 10 Jul 2001 | | | Abandoned |
| GY0084-VE-NP | Venezuela | 1455-2001 | 09 Jul 2001 | | | Abandoned |
| GY0084-WO-PCT | International Procedure | PCT/US2001/020300 | 26 Jun 2001 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INDOLE, AZAINDOLE AND RELATED HETEROCYCLIC N-SUBSTITUTED PIPERAZINE DERIVATIVES | | | | | | |
| GY0097-DE-EPT | Germany | 04785827.9 | 22 Jun 2004 | 1638568 | 27 Jul 2011 | Grant |
| GY0097-EP-EPT | European Procedure (Patents) | 04785827.9 | 22 Jun 2004 | 1638568 | 27 Jul 2011 | Grant |
| GY0097-ES-EPT | Spain | 04785827.9 | 22 Jun 2004 | 1638568 | 27 Jul 2011 | Grant |
| GY0097-FR-EPT | France | 04785827.9 | 22 Jun 2004 | 1638568 | 27 Jul 2011 | Grant |
| GY0097-GB-EPT | United Kingdom | 04785827.9 | 22 Jun 2004 | 1638568 | 27 Jul 2011 | Grant |
| GY0097-IS-PCT | Iceland | 8215 | 22 Jun 2004 | 2881 | 15 May 2014 | Grant |
| GY0097-IT-EPT | Italy | 04785827.9 | 22 Jun 2004 | 1638568 | 27 Jul 2011 | Grant |
| GY0097-JP-PCT | Japan | 2006-518663 | 22 Jun 2004 | 4584923 | 10 Sep 2010 | Grant |
| GY0097-MT-NP | Malta | 2274 | 01 Jul 2004 | | | Filing |
| GY0097-NO-PCT | Norway | 20060082 | 22 Jun 2004 | 332402 | 10 Sep 2012 | Grant |
| GY0097-US-NP | United States Of America | 10/871931 | 18 Jun 2004 | | | Abandoned |
| GY0097-US-PSP[1] | United States Of America | 60/484224 | 01 Jul 2003 | | | Abandoned |
| GY0097-US-PSP[2] | United States Of America | 60/493283 | 07 Aug 2003 | | | Abandoned |
| GY0097-US-PSP[3] | United States Of America | 60/541970 | 05 Feb 2004 | | | Expiry date |
| GY0097-WO-PCT | International Procedure | PCT/US2004/019890 | 22 Jun 2004 | | | PCT CONVERTED |
| GY0097A-US-CIP[1] | United States Of America | 11/029673 | 05 Jan 2005 | | | Abandoned |
| GY0097A-US-CNT[1] | United States Of America | 12/028189 | 08 Feb 2008 | 8039486 | 18 Oct 2011 | Grant |

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| Title: 4-SQUARYLPIPERAZINE DERIVATIVES AS ANTIVIRAL AGENTS | | | | | | |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|-----------------|------------------------------|-------------------|-------------|----------------|-------------|---------------|
| 10763-DE-EPT | Germany | 07761192.9 | 24 Apr 2007 | 602007023640.1 | 27 Jun 2012 | Grant |
| 10763-EP-EPT | European Procedure (Patents) | 07761192.9 | 24 Apr 2007 | 2013170 | 27 Jun 2012 | Grant |
| 10763-FR-EPT | France | 07761192.9 | 24 Apr 2007 | 2013170 | 27 Jun 2012 | Grant |
| 10763-GB-EPT | United Kingdom | 07761192.9 | 24 Apr 2007 | 2013170 | 27 Jun 2012 | Grant |
| 10763-US-NP | United States Of America | 11/737354 | 19 Apr 2007 | 7501419 | 10 Mar 2009 | Grant |
| 10763-US-PSP[1] | United States Of America | 60/794699 | 25 Apr 2006 | | | Expiry date |
| 10763-WO-PCT | International Procedure | PCT/US2007/067302 | 24 Apr 2007 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: BENZOTHAZOLE ANTIVIRAL AGENTS | | | | | | |
| 10231-EP-EPT | European Procedure (Patents) | | | | | Not Filed |
| 10231-US-NP | United States Of America | 11/125066 | 09 May 2005 | 7087610 | 08 Aug 2006 | Grant |
| 10231-US-PSP[1] | United States Of America | 60/576850 | 03 Jun 2004 | | | Expiry date |
| 10231-WO-PCT | International Procedure | PCT/US2005/017761 | 20 May 2005 | | | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: INDOLE, AZAINDOLE AND RELATED HETEROCYCLIC AMIDOPIPERAZINE DERIVATIVES | | | | | | |
| GY0092-AT-EPT | Austria | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-AU-DIV[1] | Australia | 2002307505 | 30 Nov 2007 | | | Abandoned |
| GY0092-AU-DIV[2] | Australia | 2007237294 | 30 Nov 2007 | | | Abandoned |
| GY0092-AU-PCT | Australia | 2002307505 | 23 Apr 2002 | | | Abandoned |
| GY0092-BE-EPT | Belgium | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-BR-PCT | Brazil | PI0209153.4 | 23 Apr 2002 | | | Filing |
| GY0092-CA-PCT | Canada | 2445190 | 23 Apr 2002 | 2445190 | 09 Aug 2011 | Grant |
| GY0092-CH-EPT | Switzerland | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-CN-PCT | China | 02812629.7 | 23 Apr 2002 | 02812629.7 | 08 Aug 2007 | Grant |

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| GY0092-CY-EPT | Cyprus (Republic) | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-DE-EPT | Germany | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-DK-EPT | Denmark | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-EP-EPT | European Procedure (Patents) | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-ES-EPT | Spain | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-FI-EPT | Finland | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-FR-EPT | France | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-GB-EPT | United Kingdom | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-GR-EPT | Greece | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-HK-FPR | Hong Kong | 04103168.6 | 05 May 2004 | | | Abandoned |
| GY0092-HU-PCT | Hungary | P0401503 | 23 Apr 2002 | 230215 | 08 Sep 2015 | Grant |
| GY0092-IE-EPT | Ireland | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-IT-EPT | Italy | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-JP-PCT | Japan | 2002-582877 | 23 Apr 2002 | 4326221 | 19 Jun 2009 | Grant |
| GY0092-LU-EPT | Luxembourg | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-MC-EPT | Monaco | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-MX-PCT | Mexico | PA/A/03/009680 | 23 Apr 2002 | 236094 | 21 Apr 2006 | Grant |
| GY0092-NL-EPT | Netherlands | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-PT-EPT | Portugal | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-SE-EPT | Sweden | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-TR-EPT | Turkey | 02764315.4 | 23 Apr 2002 | 1381366 | 22 Apr 2009 | Grant |
| GY0092-US-NP | United States Of America | 10/127256 | 22 Apr 2002 | 6825201 | 30 Nov 2004 | Grant |
| GY0092-US-PSP | United States Of America | 60/286347 | 25 Apr 2001 | | | Expiry date |
| GY0092-WO-PCT | International Procedure | PCT/US2002/012856 | 23 Apr 2002 | | | PCT CONVERTED |

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| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: ALKENE PIPERIDINE DERIVATIVES AS ANTIVIRAL AGENTS | | | | | | |
| 10802-DE-EPT | Germany | 07797609.0 | 21 May 2007 | 60200007759.1 | 14 Jul 2010 | Grant |
| 10802-EP-EPT | European Procedure (Patents) | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-ES-EPT | Spain | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-FR-EPT | France | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-GB-EPT | United Kingdom | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-IT-EPT | Italy | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-US-DIV | United States Of America | 12/484407 | 15 Jun 2009 | 7745463 | 29 Jun 2010 | Grant |
| 10802-US-NP | United States Of America | 11/749445 | 16 May 2007 | 7572810 | 11 Aug 2009 | Grant |
| 10802-US-PSP[1] | United States Of America | 60/811898 | 08 Jun 2006 | | | Expiry date |
| 10802-WO-PCT | International Procedure | PCT/US2007/069330 | 21 May 2007 | | | PCT CONVERTED |
| 10802-DE-EPT | Germany | 07797609.0 | 21 May 2007 | 60200007759.1 | 14 Jul 2010 | Grant |
| 10802-EP-EPT | European Procedure (Patents) | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-ES-EPT | Spain | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-FR-EPT | France | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-GB-EPT | United Kingdom | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-IT-EPT | Italy | 07797609.0 | 21 May 2007 | 2024355 | 14 Jul 2010 | Grant |
| 10802-US-DIV | United States Of America | 12/484407 | 15 Jun 2009 | 7745463 | 29 Jun 2010 | Grant |
| 10802-US-NP | United States Of America | 11/749445 | 16 May 2007 | 7572810 | 11 Aug 2009 | Grant |
| 10802-US-PSP[1] | United States Of America | 60/811898 | 08 Jun 2006 | | | Expiry date |
| 10802-WO-PCT | International Procedure | PCT/US2007/069330 | 21 May 2007 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: BICYCLO 4.4.0 ANTIVIRAL DERIVATIVES | | | | | | |
| GY0093-DE-EPT | Germany | 03716789.7 | 21 Mar 2003 | 60317889.8 | 05 Dec 2007 | Grant |
| GY0093-EP-EPT | European Procedure (Patents) | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |

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| GY0093-ES-EPT | Spain | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-FR-EPT | France | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-GB-EPT | United Kingdom | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-IT-EPT | Italy | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-US-NP | United States Of America | 10/393030 | 20 Mar 2003 | 7037913 | 02 May 2006 | Grant |
| GY0093-US-PSP | United States Of America | 60/376731 | 01 May 2002 | | | Expiry date |
| GY0093-WO-PCT | International Procedure | PCT/US2003/008893 | 21 Mar 2003 | | | PCT CONVERTED |
| GY0093-DE-EPT | Germany | 03716789.7 | 21 Mar 2003 | 60317889.8 | 05 Dec 2007 | Grant |
| GY0093-EP-EPT | European Procedure (Patents) | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-ES-EPT | Spain | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-FR-EPT | France | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-GB-EPT | United Kingdom | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-IT-EPT | Italy | 03716789.7 | 21 Mar 2003 | 1499319 | 05 Dec 2007 | Grant |
| GY0093-US-NP | United States Of America | 10/393030 | 20 Mar 2003 | 7037913 | 02 May 2006 | Grant |
| GY0093-US-PSP | United States Of America | 60/376731 | 01 May 2002 | | | Expiry date |
| GY0093-WO-PCT | International Procedure | PCT/US2003/008893 | 21 Mar 2003 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: DIKETO-PIPERAZINE AND PIPERIDINE DERIVATIVES AS ANTIVIRAL AGENTS | | | | | | |
| 10796-AR-NP | Argentina | P070101807 | 25 Apr 2007 | | | Publication of application |
| 10796-AU-PCT | Australia | 2007242989 | 16 Apr 2007 | 2007242989 | 11 Oct 2012 | Grant |
| 10796-BR-PCT | Brazil | PI0710919.9 | 16 Apr 2007 | | | Publication of application |
| 10796-CA-PCT | Canada | 2650382 | 16 Apr 2007 | 2650382 | 27 May 2014 | Grant |
| 10796-CL-NP | Chile | 1186/07 | 25 Apr 2007 | | | Filing |
| 10796-CN-PCT | China | 200780015072.1 | 16 Apr 2007 | 200780015072.1 | 28 Nov 2012 | Grant |
| 10796-CO-PCT | Colombia | 08111740 | 16 Apr 2007 | 2274 | 30 Nov 2012 | Grant |
| 10796-DE- | Germany | 07760706.7 | 16 Apr | 2010525 | 28 Aug 2013 | Grant |

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| 10796-EA-EAT | Eurasian Procedure | 200802203 | 16 Apr 2007 | 014957 | 29 Apr 2011 | Grant |
| 10796-EG-PCT | Egypt | 1741/2008 | 16 Apr 2007 | | | Filing |
| 10796-EP-EPT | European Procedure (Patents) | 07760706.7 | 16 Apr 2007 | 2010525 | 28 Aug 2013 | Grant |
| 10796-ES-EPT | Spain | 07760706.7 | 16 Apr 2007 | 2010525 | 28 Aug 2013 | Grant |
| 10796-FR-EPT | France | 07760706.7 | 16 Apr 2007 | 2010525 | 28 Aug 2013 | Grant |
| 10796-GB-EPT | United Kingdom | 07760706.7 | 16 Apr 2007 | 2010525 | 28 Aug 2013 | Grant |
| 10796-GC-NP | Gulf Cooperation Council | 8222 | 25 Apr 2007 | | | Filing |
| 10796-HK-FPR | Hong Kong | 09103803.2 | 23 Apr 2009 | | | Abandoned |
| 10796-IL-PCT | Israel | 194540 | 16 Apr 2007 | 194540 | 01 Jul 2015 | Grant |
| 10796-IN-PCT | India | 8642/DELNP/2008 | 16 Apr 2007 | | | Publication of application |
| 10796-IT-EPT | Italy | 07760706.7 | 16 Apr 2007 | 2010525 | 28 Aug 2013 | Grant |
| 10796-JP-PCT | Japan | 2009-507893 | 16 Apr 2007 | 5214590 | 08 Mar 2013 | Grant |
| 10796-KR-PCT | South Korea / Republic of Korea | 2008-7028634 | 16 Apr 2007 | 1450349 | 06 Oct 2014 | Grant |
| 10796-LB-NP | Lebanon | 7845 | 20 Apr 2007 | 7845 | 18 Mar 2008 | Grant |
| 10796-MX-PCT | Mexico | MX/A/08/013265 | 16 Apr 2007 | 305728 | 03 Dec 2012 | Grant |
| 10796-NO-PCT | Norway | 20084257 | 16 Apr 2007 | | | Filing |
| 10796-NZ-PCT | New Zealand | 571995 | 16 Apr 2007 | 571995 | 05 Mar 2012 | Grant |
| 10796-PE-NP | Peru | 000513/2007-OIN | 25 Apr 2007 | | | Abandoned |
| 10796-PK-NP | Pakistan | 475/07 | 24 Apr 2007 | 139847 | 30 Oct 2008 | Abandoned |
| 10796-RU-EAT | Russian Federation | 200802203 | 16 Apr 2007 | 014957 | 29 Apr 2011 | Grant |
| 10796-SG-PCT | Singapore | 200807541.8 | 16 Apr 2007 | 146923 | 15 Jun 2011 | Grant |
| 10796-TH-NP | Thailand | 0701002006 | 24 Apr 2007 | | | Publication of application |
| 10796-TW-NP | Taiwan | 96114657 | 25 Apr 2007 | 1394754 | 01 May 2013 | Grant |
| 10796-US-NP | United States Of America | 11/733283 | 10 Apr 2007 | 7807671 | 05 Oct 2010 | Grant |
| 10796-US- | United States | 60/794700 | 25 Apr | | | Expiry date |

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| PSP[1] | Of America | | 2006 | | | |
| 10796-VE-NP | Venezuela | 2007/0817 | 23 Apr 2007 | | | Publication of application |
| 10796-WO-PCT | International Procedure | PCT/US2007/066700 | 16 Apr 2007 | | | PCT CONVERTED |
| 10796-ZA-PCT | South Africa | 2008/8819 | 16 Apr 2007 | 2008/8819 | 29 Jul 2009 | Grant |
| 10796A-US-CIP | United States Of America | 11/877001 | 23 Oct 2007 | 7807676 | 05 Oct 2010 | Grant |

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| Title: INDOLE, AZAINDOLE AND RELATED HETEROCYCLIC PYRROLIDINE DERIVATIVES | | | | | | |
| GY0099-DE-EPT | Germany | 03713319.6 | 28 Jan 2003 | 60317630.5 | 21 Nov 2007 | Grant |
| GY0099-EP-EPT | European Procedure (Patents) | 03713319.6 | 28 Jan 2003 | 1474135 | 21 Nov 2007 | Grant |
| GY0099-ES-EPT | Spain | 03713319.6 | 28 Jan 2003 | 1474135 | 21 Nov 2007 | Grant |
| GY0099-FR-EPT | France | 03713319.6 | 28 Jan 2003 | 1474135 | 21 Nov 2007 | Grant |
| GY0099-GB-EPT | United Kingdom | 03713319.6 | 28 Jan 2003 | 1474135 | 21 Nov 2007 | Grant |
| GY0099-IT-EPT | Italy | 03713319.6 | 28 Jan 2003 | 1474135 | 21 Nov 2007 | Grant |
| GY0099-US-CNT[1] | United States Of America | 11/511123 | 28 Aug 2006 | | | Abandoned |
| GY0099-US-CNT[2] | United States Of America | 11/960885 | 20 Dec 2007 | 7531552 | 12 May 2009 | Grant |
| GY0099-US-CNT[3] | United States Of America | 12/417050 | 02 Apr 2009 | 7714019 | 11 May 2010 | Grant |
| GY0099-US-NP | United States Of America | 10/352279 | 27 Jan 2003 | | | Abandoned |
| GY0099-US-PSP | United States Of America | 60/356977 | 14 Feb 2002 | | | Expiry date |
| GY0099-WO-PCT | International Procedure | PCT/US2003/002692 | 28 Jan 2003 | | | PCT CONVERTED |

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| Title: PIPERAZINE ENAMINES AS ANTIVIRAL AGENTS | | | | | | |
| 10797-DE-EPT | Germany | 07797569.6 | 18 May 2007 | 602007023184 | 06 Jun 2012 | Grant |
| 10797-EP-EPT | European Procedure (Patents) | 07797569.6 | 18 May 2007 | 2029532 | 06 Jun 2012 | Grant |
| 10797-ES-EPT | Spain | 07797569.6 | 18 May 2007 | 2029532 | 06 Jun 2012 | Grant |

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|-----------------|--------------------------|-------------------|-------------|-----------|-------------|---------------|
| 10797-FR-EPT | France | 07797569.6 | 18 May 2007 | 2029532 | 06 Jun 2012 | Grant |
| 10797-GB-EPT | United Kingdom | 07797569.6 | 18 May 2007 | 2029532 | 06 Jun 2012 | Grant |
| 10797-IT-EPT | Italy | 07797569.6 | 18 May 2007 | 2029532 | 06 Jun 2012 | Grant |
| 10797-US-NP | United States Of America | 11/748699 | 15 May 2007 | 7504399 | 17 Mar 2009 | Grant |
| 10797-US-PSP[1] | United States Of America | 60/812017 | 08 Jun 2006 | | | Expiry date |
| 10797-WO-PCT | International Procedure | PCT/US2007/069216 | 18 May 2007 | | | PCT CONVERTED |

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| Title: INDOLE, AZAINDOLE AND RELATED HETEROCYCLIC SULFONYLUREIDO PIPERAZINE DERIVATIVES | | | | | | |
| GY0096-DE-EPT | Germany | 03737068.1 | 12 Jun 2003 | 1575493 | 11 Dec 2013 | Grant |
| GY0096-EP-EPT | European Procedure (Patents) | 03737068.1 | 12 Jun 2003 | 1575493 | 11 Dec 2013 | Grant |
| GY0096-ES-EPT | Spain | 03737068.1 | 12 Jun 2003 | 1575493 | 11 Dec 2013 | Grant |
| GY0096-FR-EPT | France | 03737068.1 | 12 Jun 2003 | 1575493 | 11 Dec 2013 | Grant |
| GY0096-GB-EPT | United Kingdom | 03737068.1 | 12 Jun 2003 | 1575493 | 11 Dec 2013 | Grant |
| GY0096-IT-EPT | Italy | 03737068.1 | 12 Jun 2003 | 1575493 | 11 Dec 2013 | Grant |
| GY0096-US-NP | United States Of America | 10/457620 | 09 Jun 2003 | 6900206 | 31 May 2005 | Grant |
| GY0096-US-PSP | United States Of America | 60/390195 | 20 Jun 2002 | | | Expiry date |
| GY0096-WO-PCT | International Procedure | PCT/US2003/018708 | 12 Jun 2003 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: DIKETOPIPERIDINE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 11204-CN-PCT | China | 200980133234.0 | 24 Jun 2009 | 200980133234.0 | 06 Mar 2013 | Grant |
| 11204-DE-EPT | Germany | 09770929.9 | 24 Jun 2009 | 602009008276.0 | 11 Jul 2012 | Grant |
| 11204-EP-EPT | European Procedure (Patents) | 09770929.9 | 24 Jun 2009 | 2313408 | 11 Jul 2012 | Grant |
| 11204-ES-EPT | Spain | 09770929.9 | 24 Jun 2009 | 2313408 | 11 Jul 2012 | Grant |
| 11204-FR-EPT | France | 09770929.9 | 24 Jun 2009 | 2313408 | 11 Jul 2012 | Grant |
| 11204-GB- | United | 09770929.9 | 24 Jun | 2313408 | 11 Jul 2012 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| EPT | Kingdom | | 2009 | | | |
| 11204-IN-PCT | India | 9071/DELNP/10 | 24 Jun 2009 | | | Publication of application |
| 11204-IT-EPT | Italy | 09770929.9 | 24 Jun 2009 | 2313408 | 11 Jul 2012 | Grant |
| 11204-JP-PCT | Japan | 2011-516578 | 24 Jun 2009 | 5433691 | 13 Dec 2013 | Grant |
| 11204-US-NP | United States Of America | 12/490727 | 24 Jun 2009 | 8242124 | 14 Aug 2012 | Grant |
| 11204-US-PSP[1] | United States Of America | 61/075376 | 25 Jun 2008 | | | Expiry date |
| 11204-WO-PCT | International Procedure | PCT/US2009/048430 | 24 Jun 2009 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: TRICYCLIC ALKENE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 12023-EP-EPT | European Procedure (Patents) | 13748451.5 | 07 Aug 2013 | | | Publication of application |
| 12023-US-PCT | United States Of America | 14/419564 | 07 Aug 2013 | | | Publication of application |
| 12023-US-PSP | United States Of America | 61/681329 | 09 Aug 2012 | | | Expiry date |
| 12023-WO-PCT | International Procedure | PCT/US2013/053901 | 07 Aug 2013 | | | Publication of application |

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| Title: SPIRO BICYCLIC DIAMINE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 11791-EP-EPT | European Procedure (Patents) | 12766361.5 | 28 Aug 2012 | | | Publication of application |
| 11791-US-NP | United States Of America | 13/596211 | 28 Aug 2012 | 8664213 | 04 Mar 2014 | Grant |
| 11791-US-PSP | United States Of America | 61/528384 | 29 Aug 2011 | | | Expiry date |
| 11791-WO-PCT | International Procedure | PCT/US2012/052603 | 28 Aug 2012 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|------------------------------|-------------------|-------------|-----------|-------------|----------------------------|
| Title: ALKYL AMIDES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 11665-EP-EPT | European Procedure (Patents) | 11796876.8 | 01 Dec 2011 | | | Publication of application |
| 11665-US-PCT | United States Of America | 13/990815 | 01 Dec 2011 | 8912195 | 16 Dec 2014 | Grant |
| 11665-US-PSP | United States Of America | 61/418994 | 02 Dec 2010 | | | Expiry date |
| 11665- | International | PCT/US2011/062804 | 01 Dec | | | PCT |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|------------|-----------|------------|-------------|-----------|------------|-------------|
| WO-PCT | Procedure | | 2011 | | | CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|----------------------------|
| Title: PIPERAZINE AND HOMOPIPERAZINE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 12173-CN-PCT | China | PCT/US2014/031693 | 25 Mar 2014 | | | Local filing |
| 12173-EP-EPT | European Procedure (Patents) | 14722481.0 | 25 Mar 2014 | | | Local filing |
| 12173-IN-PCT | India | 6611/CHENP/15 | 25 Mar 2014 | | | Local filing |
| 12173-JP-PCT | Japan | PCT/US2014/031693 | 25 Mar 2014 | | | Local filing |
| 12173-US-PCT | United States Of America | 14/779638 | 25 Mar 2014 | | | Local filing |
| 12173-US-PSP | United States Of America | 61/805629 | 27 Mar 2013 | | | Expiry date |
| 12173-WO-PCT | International Procedure | PCT/US2014/031693 | 25 Mar 2014 | | | Publication of application |
| 12173-CN-PCT | China | PCT/US2014/031693 | 25 Mar 2014 | | | Local filing |
| 12173-EP-EPT | European Procedure (Patents) | 14722481.0 | 25 Mar 2014 | | | Local filing |
| 12173-IN-PCT | India | 6611/CHENP/15 | 25 Mar 2014 | | | Local filing |
| 12173-JP-PCT | Japan | PCT/US2014/031693 | 25 Mar 2014 | | | Local filing |
| 12173-US-PCT | United States Of America | 14/779638 | 25 Mar 2014 | | | Local filing |
| 12173-US-PSP | United States Of America | 61/805629 | 27 Mar 2013 | | | Expiry date |
| 12173-WO-PCT | International Procedure | PCT/US2014/031693 | 25 Mar 2014 | | | Publication of application |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|-------------|----------------------------|
| Title: THIOAMIDE, AMIDOXIME AND AMIDRAZONE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 11664-EP-EPT | European Procedure (Patents) | 12715280.9 | 11 Apr 2012 | | | Publication of application |
| 11664-US-NP | United States Of America | 13/444104 | 11 Apr 2012 | 8685982 | 01 Apr 2014 | Grant |
| 11664-US-PCT | United States Of America | | | | | Not Filed |
| 11664-US-PSP | United States Of America | 61/474324 | 12 Apr 2011 | | | Expiry date |
| 11664-WO-PCT | International Procedure | PCT/US2012/033007 | 11 Apr 2012 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|------------------------------|-------------------|-------------|-----------|------------|----------------------------|
| Title: 2-KETO AMIDE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 12174-CN-PCT | China | PCT/US2014/031697 | 25 Mar 2014 | | | Local filing |
| 12174-EP-EPT | European Procedure (Patents) | 14722482.8 | 25 Mar 2014 | | | Local filing |
| 12174-IN-PCT | India | 6610/CHENP/15 | 25 Mar 2014 | | | Local filing |
| 12174-JP-PCT | Japan | PCT/US2014/031697 | 25 Mar 2014 | | | Local filing |
| 12174-US-PCT | United States Of America | 14/779648 | 25 Mar 2014 | | | Local filing |
| 12174-US-PSP | United States Of America | 61/805642 | 27 Mar 2013 | | | Expiry date |
| 12174-WO-PCT | International Procedure | PCT/US2014/031697 | 25 Mar 2014 | | | Publication of application |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|------------------------------|-------------------|-------------|-----------|-------------|---------------|
| Title: CYCLOLIC HYDRAZINE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 11951-EP-EPT | European Procedure (Patents) | 13715485.2 | 13 Mar 2013 | | | Not Filed |
| 11951-US-PCT | United States Of America | 14/384410 | 13 Mar 2013 | 9193725 | 24 Nov 2015 | Grant |
| 11951-US-PSP | United States Of America | 61/610665 | 14 Mar 2012 | | | Expiry date |
| 11951-WO-PCT | International Procedure | PCT/US2013/030772 | 13 Mar 2013 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|------------------------------|-------------------|-------------|----------------|-------------|---------------|
| Title: SUBSTITUTED INDOLE AND AZAINDOLE OXOACETYL PIPERAZINAMIDE DERIVATIVES | | | | | | |
| 11632-DE-EPT | Germany | 11746721.7 | 04 Aug 2011 | 602011011743.2 | 26 Nov 2014 | Grant |
| 11632-EP-EPT | European Procedure (Patents) | 11746721.7 | 04 Aug 2011 | 2601174 | 26 Nov 2014 | Grant |
| 11632-FR-EPT | France | 11746721.7 | 04 Aug 2011 | 2601174 | 26 Nov 2014 | Grant |
| 11632-GB-EPT | United Kingdom | 11746721.7 | 04 Aug 2011 | 2601174 | 26 Nov 2014 | Grant |
| 11632-US-NP | United States Of America | 13/198197 | 04 Aug 2011 | 8450361 | 28 May 2013 | Grant |
| 11632-US-PCT | United States Of America | | | | | Not Filed |
| 11632-US-PSP | United States Of America | 61/371202 | 06 Aug 2010 | | | Expiry date |
| 11632-WO-PCT | International Procedure | PCT/US2011/046589 | 04 Aug 2011 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|------------------------------|-------------------|-------------|-----------|------------|----------------------------|
| Title: PIPERIDINE AMIDE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 12024-EP-EPT | European Procedure (Patents) | 13748452.3 | 07 Aug 2013 | | | Publication of application |
| 12024-US-PCT | United States Of America | 14/419559 | 07 Aug 2013 | | | Publication of application |
| 12024-US-PSP | United States Of America | 61/681306 | 09 Aug 2012 | | | Expiry date |
| 12024-WO-PCT | International Procedure | PCT/US2013/053903 | 07 Aug 2013 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|------------------------------|-------------------|-------------|-----------|-------------|----------------------------|
| Title: FUSED BICYCLIC DIAMINE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 11790-EP-EPT | European Procedure (Patents) | 12766362.3 | 28 Aug 2012 | | | Publication of application |
| 11790-US-NP | United States Of America | 13/596219 | 28 Aug 2012 | 8835454 | 16 Sep 2014 | Grant |
| 11790-US-PSP | United States Of America | 61/528382 | 29 Aug 2011 | | | Expiry date |
| 11790-WO-PCT | International Procedure | PCT/US2012/052606 | 28 Aug 2012 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|-------------|----------------------------|
| Title: TRICYCLIC AMIDINE DERIVATIVES AS HIV ATTACHMENT INHIBITORS | | | | | | |
| 12022-EP-EPT | European Procedure (Patents) | 13753225.5 | 07 Aug 2013 | | | Publication of application |
| 12022-US-PCT | United States Of America | 14/419568 | 07 Aug 2013 | 9156828 | 13 Oct 2015 | Grant |
| 12022-US-PSP | United States Of America | 61/681336 | 09 Aug 2012 | | | Expiry date |
| 12022-WO-PCT | International Procedure | PCT/US2013/053899 | 07 Aug 2013 | | | PCT CONVERTED |

3. HIV Capsid

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12231-EP-EPT | European Procedure (Patents) | PCT/US2014/061870 | 23 Oct 2014 | | | Pending |
| 12231-US-PSP | United States Of America | 61/895102 | 24 Oct 2013 | | | Expiry date |
| 12231-WO-PCT | International Procedure | PCT/US2014/061870 | 23 Oct 2014 | | | Publication |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12384-AR-NP | Argentina | | | | | Pending |
| 12384-EP-EPT | European Procedure (Patents) | | | | | Designated |
| 12384-TW-NP | Taiwan | | | | | Pending |
| 12384-US-PSP | United States Of America | 62/048017 | 09 Sep 2014 | | | Pending |
| 12384-VE-NP | Venezuela | | | | | Pending |
| 12384-WO-PCT | International Procedure | | | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12483-US-PSP | United States Of America | 62/151780 | 23 Apr 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12484-US-PSP | United States Of America | 62/151790 | 23 Apr 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION | | | | | | |
| 12485-US-PSP | United States Of America | 62/151800 | 23 Apr 2015 | | | Pending |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|-------------|-------------|
| Title: METHOD OF PREPARATION OF AZAINDOLE DERIVATIVES | | | | | | |
| 10014-EP-EPT | European Procedure (Patents) | | | | | Not Filed |
| 10014-US-DIV | United States Of America | 12/546108 | 24 Aug 2009 | 7820820 | 26 Oct 2010 | Grant |
| 10014-US-NP | United States Of America | 11/492750 | 25 Jul 2006 | 7598380 | 06 Oct 2009 | Grant |
| 10014-US-PSP[1] | United States Of America | 60/705230 | 03 Aug 2005 | | | Expiry date |
| 10014-WO-PCT | International Procedure | PCT/US2006/029843 | 31 Jul 2006 | | | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|------------------------------|-------------------|-------------|-----------|-------------|-------------|
| Title: TETRAHYDROCARBOLINE ANTIVIRAL AGENTS | | | | | | |
| 10226-EP-EPT | European Procedure (Patents) | | | | | Not Filed |
| 10226-US-NP | United States Of America | 11/133614 | 20 May 2005 | 7449476 | 11 Nov 2008 | Grant |
| 10226-US-PSP[1] | United States Of America | 60/574669 | 26 May 2004 | | | Expiry date |
| 10226-WO-PCT | International Procedure | PCT/US2005/018184 | 23 May 2005 | | | Abandoned |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|--------------------------|------------|-------------|-----------|-------------|-------------|
| Title: CRYSTALLINE FORMS OF 1-BENZOYL-4-[2-[4,7-DIMETHOXY-1-(PHOSPHONOOXY)METHYL]-1H-PYRROLO[2,3-C]PYRIDIN-3-YL]-1,2-DIOXOETHYL]-PIPERAZINE | | | | | | |
| 10439-US-NP | United States Of America | 11/340032 | 26 Jan 2006 | 7723338 | 25 May 2010 | Grant |
| 10439-US-PSP[1] | United States Of America | 60/648579 | 31 Jan 2005 | | | Expiry date |

4. HIV Combectin

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|--------------------------|------------|-------------|-----------|------------|-------------|
| Title: POLYPEPTIDES TARGETING HIV FUSION | | | | | | |
| 12358-US-PSP2 | United States Of America | 62/257474 | 19 Nov 2015 | | | Pending |

5. HIV Maturation

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--|-------------|----------------|-------------|----------------|-------------|--------------|
| Title: MODIFIED C-3 BETULINIC ACID DERIVATIVES AS HIV MATURATION INHIBITORS | | | | | | |
| 11432-AL-EPT | Albania | | | | | Designated |
| 11432-AR-NP | Argentina | P110101944 | 31 Mar 2011 | | | Abandoned |
| 11432-AT-EPT | Austria | | | | | Designated |
| 11432-BE-EPT | Belgium | | | | | Designated |
| 11432-BG-EPT | Bulgaria | | | | | Designated |
| 11432-BR-PCT | Brazil | 112012030818.1 | 02 Jun 2011 | | | Local filing |
| 11432-CA-PCT | Canada | 2801487 | 02 Jun 2011 | | | Local filing |
| 11432-CH-EPT | Switzerland | | | | | Designated |
| 11432-CN-PCT | China | 201180038211.9 | 02 Jun 2011 | 201180038211.9 | 25 Mar 2015 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|------------------------------|----------------|-------------|-----------|-------------|----------------------------|
| 11432-CY-EPT | Cyprus (Republic) | | | | | Designated |
| 11432-CZ-EPT | Czech Republic | | | | | Designated |
| 11432-DE-EPT | Germany | | | | | Designated |
| 11432-DK-EPT | Denmark | | | | | Designated |
| 11432-EA-EAT | Eurasian Procedure | 201270780 | 02 Jun 2011 | | | ALLOWANCE |
| 11432-EE-EPT | Estonia | | | | | Designated |
| 11432-EP-EPT | European Procedure (Patents) | 11726563.7 | 02 Jun 2011 | | | Publication of application |
| 11432-ES-EPT | Spain | | | | | Designated |
| 11432-FI-EPT | Finland | | | | | Designated |
| 11432-FR-EPT | France | | | | | Designated |
| 11432-GB-EPT | United Kingdom | | | | | Designated |
| 11432-GR-EPT | Greece | | | | | Designated |
| 11432-HR-EPT | Croatia | | | | | Designated |
| 11432-HU-EPT | Hungary | | | | | Designated |
| 11432-IE-EPT | Ireland | | | | | Designated |
| 11432-IN-PCT | India | 10053/CHENP/12 | 02 Jun 2011 | | | Publication of application |
| 11432-IS-EPT | Iceland | | | | | Designated |
| 11432-IT-EPT | Italy | | | | | Designated |
| 11432-JP-PCT | Japan | 2013-513339 | 02 Jun 2011 | 5752789 | 29 May 2015 | Grant |
| 11432-LT-EPT | Lithuania | | | | | Designated |
| 11432-LU-EPT | Luxembourg | | | | | Designated |
| 11432-LV-EPT | Latvia | | | | | Designated |
| 11432-MC-EPT | Monaco | | | | | Designated |
| 11432-MK-EPT | Macedonia (F.Y.R.) | | | | | Designated |
| 11432-MT-EPT | Malta | | | | | Designated |
| 11432-MX-PCT | Mexico | MX/A/12/013703 | 02 Jun 2011 | 314929 | 04 Nov 2013 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|-----------------|---------------------------------|-------------------|-------------|-----------|-------------|---------------|
| 11432-NL-EPT | Netherlands | | | | | Designated |
| 11432-NO-EPT | Norway | | | | | Designated |
| 11432-PL-EPT | Poland | | | | | Designated |
| 11432-PT-EPT | Portugal | | | | | Designated |
| 11432-RO-EPT | Romania | | | | | Designated |
| 11432-RS-EPT | Serbia (ex-Serbia & Montenegro) | | | | | Designated |
| 11432-SE-EPT | Sweden | | | | | Designated |
| 11432-SI-EPT | Slovenia | | | | | Designated |
| 11432-SK-EPT | Slovakia | | | | | Designated |
| 11432-SM-EPT | San Marino | | | | | Designated |
| 11432-TR-EPT | Turkey | | | | | Designated |
| 11432-TW-NP | Taiwan | 100119644 | 03 Jun 2011 | | | Abandoned |
| 11432-US-NP | United States Of America | 13/151706 | 02 Jun 2011 | 8754068 | 17 Jun 2014 | Grant |
| 11432-US-PSP | United States Of America | 61/245332 | 24 Sep 2009 | | | Abandoned |
| 11432-US-PSP[2] | United States Of America | 61/351338 | 04 Jun 2010 | | | Expiry date |
| 11432-WO-PCT | International Procedure | PCT/US2011/038879 | 02 Jun 2011 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|-----------|----------------|-------------|-----------|-------------|--------------|
| Title: C-28 AMIDES OF MODIFIED C-3 BETULINIC ACID DERIVATIVES AS HIV MATURATION INHIBITORS | | | | | | |
| 11542-AL-EPT | Albania | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-AR-NP | Argentina | P110101945 | 31 Mar 2011 | | | Abandoned |
| 11542-AT-EPT | Austria | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-BE-EPT | Belgium | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-BG-EPT | Bulgaria | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-BR-PCT | Brazil | 112012030810.6 | 02 Jun 2011 | | | Local filing |
| 11542-CA-PCT | Canada | 2801491 | 02 Jun 2011 | | | Local filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|------------------------------|----------------|-------------|-----------------|-------------|----------------------------|
| 11542-CH-EPT | Switzerland | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-CN-PCT | China | 201180035812.4 | 02 Jun 2011 | | | Publication of application |
| 11542-CY-EPT | Cyprus (Republic) | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-CZ-EPT | Czech Republic | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-DE-EPT | Germany | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-DK-EPT | Denmark | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-EA-EAT | Eurasian Procedure | 201270800 | 02 Jun 2011 | | | Local filing |
| 11542-EE-EPT | Estonia | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-EP-EPT | European Procedure (Patents) | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-ES-EPT | Spain | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-FI-EPT | Finland | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-FR-EPT | France | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-GB-EPT | United Kingdom | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-GR-EPT | Greece | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-HR-EPT | Croatia | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-HU-EPT | Hungary | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-IE-EPT | Ireland | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-IN-PCT | India | 10038/CHENP/12 | 02 Jun 2011 | | | Publication of application |
| 11542-IS-EPT | Iceland | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-IT-EPT | Italy | 11726564.5 | 02 Jun 2011 | 502015000066399 | 12 Aug 2015 | Grant |
| 11542-JP-PCT | Japan | 2013-513340 | 02 Jun 2011 | 5755731 | 05 Jun 2015 | Grant |
| 11542-LT-EPT | Lithuania | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-LU-EPT | Luxembourg | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-LV-EPT | Latvia | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-MC-EPT | Monaco | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-MK-EPT | Macedonia (F.Y.R.) | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|---------------------------------|-------------------|-------------|-----------|-------------|---------------|
| 11542-MT-EPT | Malta | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-MX-PCT | Mexico | MX/A/12/013628 | 02 Jun 2011 | 313688 | 27 Sep 2013 | Grant |
| 11542-NL-EPT | Netherlands | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-NO-EPT | Norway | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-PL-EPT | Poland | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-PT-EPT | Portugal | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-RO-EPT | Romania | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-RS-EPT | Serbia (ex-Serbia & Montenegro) | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-SE-EPT | Sweden | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-SI-EPT | Slovenia | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-SK-EPT | Slovakia | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-SM-EPT | San Marino | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-TR-EPT | Turkey | 11726564.5 | 02 Jun 2011 | 2576586 | 12 Aug 2015 | Grant |
| 11542-TW-NP | Taiwan | 100119710 | 03 Jun 2011 | | | Abandoned |
| 11542-US-NP | United States Of America | 13/151722 | 02 Jun 2011 | 8802661 | 12 Aug 2014 | Grant |
| 11542-US-PSP | United States Of America | 61/351332 | 04 Jun 2010 | | | Expiry date |
| 11542-WO-PCT | International Procedure | PCT/US2011/038884 | 02 Jun 2011 | | | PCT CONVERTED |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|---|----------|----------------|-------------|-----------|-------------|--------------|
| Title: C-28 AMINES OF C-3 MODIFIED BETULINIC ACID DERIVATIVES AS HIV MATURATION INHIBITORS | | | | | | |
| 11653-AL-EPT | Albania | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-AT-EPT | Austria | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-BE-EPT | Belgium | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-BG-EPT | Bulgaria | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-BR-PCT | Brazil | 112014010105.1 | 27 Jan 2012 | | | Local filing |
| 11653-CA-PCT | Canada | 2,826,257 | 27 Jan 2012 | | | Local filing |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
|--------------|------------------------------|----------------|-------------|-----------|-------------|----------------------------|
| 11653-CH-EPT | Switzerland | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-CN-PCT | China | 201280007020.0 | 27 Jan 2012 | | | Publication of application |
| 11653-CY-EPT | Cyprus (Republic) | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-CZ-EPT | Czech Republic | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-DE-EPT | Germany | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-DK-EPT | Denmark | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-EA-EAT | Eurasian Procedure | 201391098 | 27 Jan 2012 | | | ALLOWANCE |
| 11653-EE-EPT | Estonia | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-EP-EPT | European Procedure (Patents) | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-ES-EPT | Spain | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-FI-EPT | Finland | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-FR-EPT | France | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-GB-EPT | United Kingdom | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-GR-EPT | Greece | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-HR-EPT | Croatia | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-HU-EPT | Hungary | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-IE-EPT | Ireland | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-IN-PCT | India | 5744/CHENP/13 | 27 Jan 2012 | | | Publication of application |
| 11653-IS-EPT | Iceland | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-IT-EPT | Italy | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-JP-PCT | Japan | 2013-551360 | 27 Jan 2012 | | | Publication of application |
| 11653-LT-EPT | Lithuania | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-LU-EPT | Luxembourg | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-LV-EPT | Latvia | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-MC-EPT | Monaco | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-MK-EPT | Macedonia (F.Y.R.) | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |

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| 11653-MT-EPT | Malta | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-MX-PCT | Mexico | MX/a/13/008359 | 27 Jan 2012 | | | ALLOWANCE |
| 11653-NL-EPT | Netherlands | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-NO-EPT | Norway | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-PL-EPT | Poland | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-PT-EPT | Portugal | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-RO-EPT | Romania | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-RS-EPT | Serbia (ex-Serbia & Montenegro) | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-SE-EPT | Sweden | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-SI-EPT | Slovenia | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-SK-EPT | Slovakia | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-SM-EPT | San Marino | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-TR-EPT | Turkey | 12702946.0 | 27 Jan 2012 | 2670764 | 02 Sep 2015 | Grant |
| 11653-US-NP | United States Of America | 13/359680 | 27 Jan 2012 | 8748415 | 10 Jun 2014 | Grant |
| 11653-US-PSP | United States Of America | 61/412469 | 11 Nov 2010 | | | Abandoned |
| 11653-US-PSP[2] | United States Of America | 61/414659 | 17 Nov 2010 | | | Abandoned |
| 11653-US-PSP[3] | United States Of America | 61/437870 | 31 Jan 2011 | | | Expiry date |
| 11653-WO-PCT | International Procedure | PCT/US2012/022847 | 27 Jan 2012 | | | PCT CONVERTED |

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| Title: NOVEL BETULINIC ACID DERIVATIVES WITH ANTIVIRAL ACTIVITY | | | | | | |
| 11767-AR-NP | Argentina | P120103482 | 20 Sep 2012 | | | Abandoned |
| 11767-AU-PCT | Australia | 2012312485 | 20 Sep 2012 | | | Local filing |
| 11767-BR-PCT | Brazil | 112014006559.4 | 20 Sep 2012 | | | Local filing |
| 11767-CA-PCT | Canada | 2849475 | 20 Sep 2012 | | | Local filing |
| 11767-CN-PCT | China | 201280046037.7 | 20 Sep 2012 | 201280046037.7 | 19 Aug 2015 | Grant |

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| 11767-EA-EAT | Eurasian Procedure | 201490643 | 20 Sep 2012 | | | ALLOWANCE |
| 11767-EP-EPT | European Procedure (Patents) | 12766825.9 | 20 Sep 2012 | | | Publication of application |
| 11767-IL-PCT | Israel | 231421 | 20 Sep 2012 | | | Local filing |
| 11767-IN-PCT | India | 1954/CHENP/2014 | 20 Sep 2012 | | | Publication of application |
| 11767-JP-PCT | Japan | 2014-531936 | 20 Sep 2012 | | | Publication of application |
| 11767-KR-PCT | South Korea / Republic of Korea | 2014-7010087 | 20 Sep 2012 | | | Local filing |
| 11767-MX-PCT | Mexico | MX/A/14/002936 | 20 Sep 2012 | | | Local filing |
| 11767-SG-PCT | Singapore | 11201400331W | 20 Sep 2012 | 11201400331W | 27 Oct 2015 | Grant |
| 11767-TW-NP | Taiwan | 101134558 | 20 Sep 2012 | | | Abandoned |
| 11767-US-NP | United States Of America | 13/623165 | 20 Sep 2012 | 8754069 | 17 Jun 2014 | Grant |
| 11767-US-PSP | United States Of America | 61/537099 | 21 Sep 2011 | | | Expiry date |
| 11767-WO-PCT | International Procedure | PCT/US2012/056186 | 20 Sep 2012 | | | PCT CONVERTED |

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| Title: C-3 CYCLOALKENYL TRITERPENOIDS WITH HIV MATURATION INHIBITORY ACTIVITY | | | | | | |
| 11928-AR-NP | Argentina | P130100466 | 14 Feb 2013 | | | Publication of application |
| 11928-AU-PCT | Australia | 2013221725 | 13 Feb 2013 | | | Local filing |
| 11928-BR-PCT | Brazil | 112014019672.9 | 13 Feb 2013 | | | Local filing |
| 11928-CA-PCT | Canada | 2864656 | 13 Feb 2013 | | | Local filing |
| 11928-CL-PCT | Chile | 2141/14 | 13 Feb 2013 | | | Local filing |
| 11928-CN-PCT | China | 201380019696.6 | 13 Feb 2013 | | | Publication of application |
| 11928-CO-PCT | Colombia | 14189685 | 13 Feb 2013 | 1077 | 30 Sep 2015 | Grant |
| 11928-EA-EAT | Eurasian Procedure | 201491531 | 13 Feb 2013 | | | Local filing |
| 11928-EP-EPT | European Procedure (Patents) | 13707493.6 | 13 Feb 2013 | | | Publication of application |
| 11928-GC-NP | Gulf Cooperation Council | 23563 | 16 Feb 2013 | | | Filing |

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| 11928-HK-FPR | Hong Kong | 15105069.8 | 28 May 2015 | | | Filing |
| 11928-ID-PCT | Indonesia | P00201405144 | 13 Feb 2013 | | | Local filing |
| 11928-IL-PCT | Israel | 234077 | 13 Feb 2013 | | | Local filing |
| 11928-IN-PCT | India | 5915/CHENP/14 | 13 Feb 2013 | | | Local filing |
| 11928-JP-PCT | Japan | 2014-557739 | 13 Feb 2013 | | | Publication of application |
| 11928-KR-PCT | South Korea / Republic of Korea | 2014-7025339 | 13 Feb 2013 | | | Local filing |
| 11928-MX-PCT | Mexico | MX/A/14/009235 | 13 Feb 2013 | | | Local filing |
| 11928-MY-PCT | Malaysia | PI2014702277 | 13 Feb 2013 | | | Local filing |
| 11928-NZ-PCT | New Zealand | 631408 | 13 Feb 2013 | 631408 | 29 Sep 2015 | Grant |
| 11928-PE-PCT | Peru | 1279.14 | 13 Feb 2013 | | | Local filing |
| 11928-PH-PCT | Philippines | 2014-501816 | 13 Feb 2013 | | | Local filing |
| 11928-SG-PCT | Singapore | 11201404748X | 13 Feb 2013 | | | Local filing |
| 11928-TH-PCT | Thailand | 1401004675 | 13 Feb 2013 | | | Local filing |
| 11928-TW-NP | Taiwan | 102105203 | 08 Feb 2013 | | | Publication of application |
| 11928-US-NP | United States Of America | 13/760726 | 06 Feb 2013 | 8906889 | 09 Dec 2014 | Grant |
| 11928-US-PSP | United States Of America | 61/599040 | 15 Feb 2012 | | | Expiry date |
| 11928-UY-NP | Uruguay | 34627 | 14 Feb 2013 | | | Filing |
| 11928-VE-NP | Venezuela | 2013/0198 | 14 Feb 2013 | | | Filing |
| 11928-VN-PCT | Vietnam | 2014-03019 | 13 Feb 2013 | | | Local filing |
| 11928-WO-PCT | International Procedure | PCT/US2013/025897 | 13 Feb 2013 | | | PCT CONVERTED |
| 11928-ZA-PCT | South Africa | 2014/6724 | 13 Feb 2013 | | | Local filing |

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| Title: C-17 BICYCLIC AMINES OF TRITERPENOIDS WITH HIV MATURATION INHIBITORY ACTIVITY | | | | | | |
| 11963-AR-NP | Argentina | P130101545 | 06 May 2013 | | | Publication of application |
| 11963-AU-PCT | Australia | 2013259894 | 03 May 2013 | | | Local filing |

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| 11963-BR-PCT | Brazil | 1120140276692 | 03 May 2013 | | | Local filing |
| 11963-CA-PCT | Canada | 2872891 | 03 May 2013 | | | Local filing |
| 11963-CN-PCT | China | 201380023798.5 | 03 May 2013 | | | Publication of application |
| 11963-EA-EAT | Eurasian Procedure | 201492016 | 03 May 2013 | | | Local filing |
| 11963-EP-EPT | European Procedure (Patents) | 13722947.2 | 03 May 2013 | | | Publication of application |
| 11963-IL-PCT | Israel | 235465 | 03 May 2013 | | | Local filing |
| 11963-IN-PCT | India | 7836/CHENP/14 | 03 May 2013 | | | Local filing |
| 11963-JP-PCT | Japan | 2015-511548 | 03 May 2013 | | | Publication of application |
| 11963-KR-PCT | South Korea / Republic of Korea | 2014-7031255 | 03 May 2013 | | | Local filing |
| 11963-MX-PCT | Mexico | MX/A/14/013089 | 03 May 2013 | | | Local filing |
| 11963-SG-PCT | Singapore | 11201407189X | 03 May 2013 | | | Local filing |
| 11963-TW-NP | Taiwan | 102116106 | 06 May 2013 | | | Publication of application |
| 11963-US-NP | United States Of America | 13/799479 | 13 Mar 2013 | 8889854 | 18 Nov 2014 | Grant |
| 11963-US-PCT | United States Of America | | | | | Not Filed |
| 11963-US-PSP | United States Of America | 61/643483 | 07 May 2012 | | | Expiry date |
| 11963-VE-NP | Venezuela | 541/2013 | 06 May 2013 | | | Filing |
| 11963-WO-PCT | International Procedure | PCT/US2013/039389 | 03 May 2013 | | | PCT CONVERTED |

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| Title: C-19 MODIFIED TRITERPENOIDS WITH HIV MATURATION INHIBITORY ACTIVITY | | | | | | |
| 12082-AR-NP | Argentina | P140100400 | 06 Feb 2014 | | | Filing |
| 12082-AU-PCT | Australia | 2014215468 | 04 Feb 2014 | | | Local filing |
| 12082-BR-PCT | Brazil | PI15018491.0 | 04 Feb 2014 | | | Local filing |
| 12082-CA-PCT | Canada | 2900124 | 04 Feb 2014 | | | Local filing |
| 12082-CN-PCT | China | 201480019576.0 | 04 Feb 2014 | | | Local filing |
| 12082-EA-EAT | Eurasian Procedure | 201591406 | 04 Feb 2014 | | | Local filing |

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| 12082-EP-EPT | European Procedure (Patents) | 14705662.6 | 04 Feb 2014 | | | Local filing |
| 12082-IL-PCT | Israel | 240289 | 04 Feb 2014 | | | Local filing |
| 12082-IN-PCT | India | 7859/DELNP/15 | 04 Feb 2014 | | | Local filing |
| 12082-JP-PCT | Japan | PCT/US2014/014647 | 04 Feb 2014 | | | Local filing |
| 12082-KR-PCT | South Korea / Republic of Korea | 2015-7023907 | 04 Feb 2014 | | | Local filing |
| 12082-MX-PCT | Mexico | MX/A/15/010003 | 04 Feb 2014 | | | Local filing |
| 12082-SG-PCT | Singapore | 201505639.S | 04 Feb 2014 | | | Local filing |
| 12082-TW-NP | Taiwan | 103103839 | 05 Feb 2014 | | | Publication of application |
| 12082-US-NP | United States Of America | 14/172389 | 04 Feb 2014 | | | Publication of application |
| 12082-US-PSP | United States Of America | 61/761403 | 06 Feb 2013 | | | Expiry date |
| 12082-VE-NP | Venezuela | 2014/0112 | 05 Feb 2014 | | | Filing |
| 12082-WO-PCT | International Procedure | PCT/US2014/014647 | 04 Feb 2014 | | | Publication of application |

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| Title: C-3 ALKYL AND ALKENYL MODIFIED BETULINIC ACID DERIVATIVES | | | | | | |
| 12141-AR-NP | Argentina | P140100580 | 24 Feb 2014 | | | Filing |
| 12141-AU-PCT | Australia | 2014218754 | 21 Feb 2014 | | | Local filing |
| 12141-BR-PCT | Brazil | PI15019590.3 | 21 Feb 2014 | | | Local filing |
| 12141-CA-PCT | Canada | 2902513 | 21 Feb 2014 | | | Local filing |
| 12141-CN-PCT | China | 201480010426.3 | 21 Feb 2014 | | | Local filing |
| 12141-EA-EAT | Eurasian Procedure | 201591545 | 21 Feb 2014 | | | Local filing |
| 12141-EP-EPT | European Procedure (Patents) | 14710687.6 | 21 Feb 2014 | | | Local filing |
| 12141-IL-PCT | Israel | 240739 | 21 Feb 2014 | | | Local filing |
| 12141-IN-PCT | India | 8583/DELNP/2015 | 21 Feb 2014 | | | Local filing |
| 12141-JP-PCT | Japan | PCT/US2014/017688 | 21 Feb 2014 | | | Local filing |
| 12141-KR- | South Korea / | 2015-7026070 | 21 Feb | | | Local filing |

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| PCT | Republic of Korea | | 2014 | | | |
| 12141-MX-PCT | Mexico | MX/A/15/010354 | 21 Feb 2014 | | | Local filing |
| 12141-SG-PCT | Singapore | 11201506445.P | 21 Feb 2014 | | | Local filing |
| 12141-TW-NP | Taiwan | 103106131 | 24 Feb 2014 | | | Publication of application |
| 12141-US-NP | United States Of America | 14/186533 | 21 Feb 2014 | | | Publication of application |
| 12141-US-PSP | United States Of America | 61/768630 | 25 Feb 2013 | | | Expiry date |
| 12141-VE-NP | Venezuela | 2014/0194 | 24 Feb 2014 | | | Filing |
| 12141-WO-PCT | International Procedure | PCT/US2014/017688 | 21 Feb 2014 | | | Publication of application |

| Docket No. | Country | Filing No. | Filing Date | Grant No. | Grant Date | Case Status |
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| Title: BETULINIC ACID DERIVATIVES WITH HIV MATURATION INHIBITORY ACTIVITY | | | | | | |
| 12351-EP-EPT | European Procedure (Patents) | PCT/US2015/036191 | 17 Jun 2015 | | | Filing |
| 12351-US-PSP | United States Of America | 62/014212 | 19 Jun 2014 | | | Expiry date |
| 12351-WO-PCT | International Procedure | PCT/US2015/036191 | 17 Jun 2015 | | | Filing |

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| Title: EXTENDED BETULINIC ACID ANALOGS | | | | | | |
| 12415-EP-EPT | European Procedure (Patents) | PCT/US2015/060360 | 12 Nov 2015 | | | Filing |
| 12415-US-PSP | United States Of America | 62/079957 | 14 Nov 2014 | | | Filing |
| 12415-WO-PCT | International Procedure | PCT/US2015/060360 | 12 Nov 2015 | | | Filing |

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| Title: BETULINIC ACID ANALOGS | | | | | | |
| 12419-EP-EPT | European Procedure (Patents) | PCT/US2015/060353 | 12 Nov 2015 | | | Filing |
| 12419-US-PSP | United States Of America | 62/079966 | 14 Nov 2014 | | | Filing |
| 12419-WO-PCT | International Procedure | PCT/US2015/060353 | 12 Nov 2015 | | | Filing |

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| Title: OXOLUPENE DERIVATIVES | | | | | | |
| 12420-EP-EPT | European Procedure (Patents) | PCT/US2015/060344 | 12 Nov 2015 | | | Filing |
| 12420-US-PSP | United States Of America | 62/079977 | 14 Nov 2014 | | | Filing |
| 12420-WO-PCT | International Procedure | PCT/US2015/060344 | 12 Nov 2015 | | | Filing |

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| Title: POLYPEPTIDES TARGETING HIV FUSION | | | | | | |
| 12358-US-PSP | United States Of America | 62/152271 | 24 Apr 2015 | | | Pending |