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Docket No. [ A2339B-US ]

101418838

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Michael K. O'Brien, Tory H. Powner, Laurence W. Reilly, Jr.,  
Harshavadan C. Shah, Michael D. Thompson,  
Ching T. Tsuei, Benoit J. Vanasse, Francis L. Walther

2. Name and address of receiving party(ies):  
Rhone-Poulenc Rorer Pharmaceuticals Inc.  
500 Arcola Road  
Collegeville, Pennsylvania 19426  
U.S.A.

Additional name(s) of conveying party(ies) attached? [ ]yes [X] no

3. Nature of Conveyance:  
[ X ] Assignment [ ] Merger  
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Execution Date (of Assignment): 2-12-99; 2-20-99; 2-20-00;  
2-16-99; 2-18-99; 2-12-99; 4-8-99; 4-6-99  
(of Application):

Additional name(s) & address(es) attached? [ ] Yes [ X ] No

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s): U.S. Serial No. 09/233,591  
Additional numbers attached? [ ] Yes [ X ] No

B. Patent No.(s)  
[ ] Yes [ X ] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Irving Newman  
Internal Address: Aventis Pharmaceuticals  
Patent Department, Mailstop #3C43

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41): .....\$ 40.00

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-1982.

Street Address: 500 Arcola Road

8. Deposit account number:  
18-1982

City: Collegeville State: PA ZIP 19426-0997

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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document*

Irving Newman  
Name of Person Signing

Signature

Date

OMB No. 0651-0011 (exp. 4/94)

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07/28/2000 ASCDTT 00000062 101982 09233591  
01 FC:581 40.00 CH

PATENT  
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## ASSIGNMENT AND AGREEMENT

For value received and intending to be legally bound, I/we, the undersigned joint inventor(s) (Assignor(s)), sell, assign and transfer to RHÔNE-POULENC RORER PHARMACEUTICALS INC. (Assignee), 500 Arcola Road, Collegetown, Pennsylvania, 19426-0107, United States of America, and its successors, assigns and legal representatives, the entire right, title and interest in and to my/our invention and any improvements thereon for all countries of the world, relating in and to the application for United States Letters Patent therefor, assigned Attorney Docket No. A2339B-US and (if filed prior to the execution hereof) filed on January 19, 1999, as Serial No. 09/233,591, entitled

**Preparation of [1S-[1a,2b,3b,4a(S\*)]]-4-[7-[[1-(3-chloro-2-thienyl)methyl]propyl]amino]-3H-imidazo[4,5-b]pyridin-3-yl]-N-ethyl-2,3-dihydroxycyclopentanecarboxamide**

and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said United States application, and under any and all Letters Patent which may be granted therefor, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including continuations, divisions, renewals, revivals, and any substitute applications of said United States application, and any and all patents which may issue thereon, and any reissues, pipelines and extensions, and governmental exclusivity rights of the same.

I/we authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

I/we agree that, when requested, I/we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

I/we covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed.

Signed at Collegetown PA USA, on this 12 day of Feb, 1999.  
(City, State and Nation)

Signature: Michael K. O'Brien

Inventor's Name: Michael K. O'Brien  
Residential Address: 560 Kromer Avenue  
Berwyn, Pennsylvania 19312  
United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Tory H. Powner  
Residential Address: 1107 Rockbasket Lane  
Chester, Virginia 23836  
United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Laurence W. Reilly  
Residential Address: 66 Windover Court  
Doylestown, Pennsylvania 18901  
United States of America

Signed at Collegedale PA, USA, on this 16<sup>th</sup> day of February, 1999.  
(City, State and Nation)

Signature: Harshavadan C. Shah

Inventor's Name: Harshavadan C. Shah  
Residential Address: 621 Wynnbrook Road  
Secane, Pennsylvania 19018  
United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Michael D. Thompson  
Residential Address: 11840 Aspen View Drive  
San Diego, California 92128  
United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Tory H. Powner  
Residential Address: 1107 Rockbasket Lane  
Chester, Virginia 23836  
United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Laurence W. Reilly  
Residential Address: 66 Windover Court  
Doylestown, Pennsylvania 18901  
United States of America

Signed at Collegedale PA USA, on this 16<sup>th</sup> day of February, 1999.  
(City, State and Nation)

Signature: Harshavady C Shah

Inventor's Name: Harshavadan C. Shah  
Residential Address: 621 Wynnbrook Road  
Secane, Pennsylvania 19018  
United States of America

Signed at San Diego CA USA, on this 18 day of February, 1999.  
(City, State and Nation)

Signature: Michael D Thompson

Inventor's Name: Michael D. Thompson  
Residential Address: 11840 Aspen View Drive  
San Diego, California 92128  
United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Tory H. Powner  
Residential Address: 1107 Rockbasket Lane  
Chester, Virginia 23836  
United States of America

Signed at Doylestown, PA, USA, on this 20<sup>th</sup> day of February, 1999.  
(City, State and Nation)

Signature: Laurence W. Reilly, Jr.

Inventor's Name: Laurence W. Reilly, Jr.  
Residential Address: 66 Windover ~~Court~~ Lane  
Doylestown, Pennsylvania 18901  
United States of America

Signed at Collegedale PA, USA, on this 16<sup>th</sup> day of February, 1999.  
(City, State and Nation)

Signature: Harshavady C. Shah

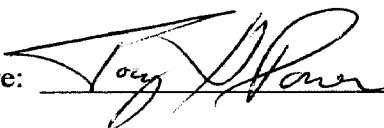
Inventor's Name: Harshavadan C. Shah  
Residential Address: 621 Wynnbrook Road  
Secane, Pennsylvania 19018  
United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Michael D. Thompson  
Residential Address: 11840 Aspen View Drive  
San Diego, California 92128  
United States of America

Signed at Chester, VA, USA, on this 20<sup>th</sup> day of February, 1999.  
 (City, State and Nation)

Signature: 

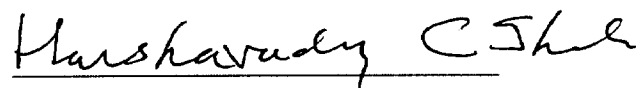
Inventor's Name: Tory H. Powner  
 Residential Address: 1107 Rockbasket Lane  
 Chester, Virginia 23836  
 United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
 (City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Laurence W. Reilly  
 Residential Address: 66 Windover Court  
 Doylestown, Pennsylvania 18901  
 United States of America

Signed at Collegedale PA, USA, on this 16<sup>th</sup> day of February, 1999.  
 (City, State and Nation)

Signature: 

Inventor's Name: Harshavadan C. Shah  
 Residential Address: 621 Wynnbrook Road  
 Secane, Pennsylvania 19018  
 United States of America

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
 (City, State and Nation)

Signature: \_\_\_\_\_

Inventor's Name: Michael D. Thompson  
 Residential Address: 11840 Aspen View Drive  
 San Diego, California 92128  
 United States of America

Signed at Collegedale PA USA, on this 12<sup>th</sup> day of February, 1999.  
 (City, State and Nation)

Signature: Ching T. Tsuei

Inventor's Name: Ching T. Tsuei  
 Residential Address: 926 Woodlawn Drive  
 Lansdale, Pennsylvania 19446  
 United States of America

Signed at Collegedale PA, on this 8 day of April, 1999.  
 (City, State and Nation)

Signature: Benoit J. Vanasse

Inventor's Name: Benoit J. Vanasse  
 Residential Address: 6044 Coldsprings Drive  
 Collegedale, Pennsylvania 19426  
 United States of America

Signed at Collegedale PA, on this 6 day of April, 1999.  
 (City, State and Nation)

Signature: Francis L. Walther

Inventor's Name: Francis L. Walther  
 Residential Address: 331 Nichols Avenue  
 Wilmington, Delaware 19803  
 United States of America