

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Biovitrum AB (PUBL)	11/20/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Proximagen Neuroscience PLC
Street Address:	Kings College
Internal Address:	Hodgkin Bldg, Guy's Campus
City:	London
State/Country:	UNITED KINGDOM
Postal Code:	SE1 1 UL
<b>PROPERTY NUMBERS Total: 3</b>	
Property Type	Number
Application Number:	11980114
Application Number:	12075979
Application Number:	61203562
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(617)227-4420
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Address Line 4:	Boston, MASSACHUSETTS 02199
ATTORNEY DOCKET NUMBER:	66685(54546) 67892(54546)
NAME OF SUBMITTER:	Weiyang Yang

CH \$120.00 11980114

**Total Attachments: 66**

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DATED

20th November

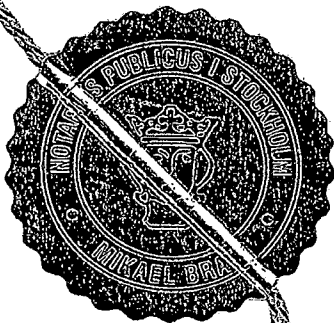
2009

- (1) BIOVITRUM AB (PUBL)
- (2) PROXIMAGEN NEUROSCIENCE PLC

PATENT ASSIGNMENT

REFERENCE

NKMJP766096.00004



ReedSmith



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**PATENT**  
**REEL: 024094 FRAME: 0680**

ASSIGNMENT dated 23rd November 2009

**BETWEEN:**

- (1) **Biovitrum AB (publ)**, a Swedish corporation registered under number 5560389321 with its registered office at SE-112 76 Stockholm, Sweden (the "Assignor"); and
  - (2) **Proximagen Neuroscience Plc**, a company registered in England under number 05333020, with its registered office at Hodgkin Building, Guy's Campus, King's College London, London SE1 1 UL (the "Assignee");
- together the 'Parties'.

**1. RECITALS**

- 1.1 The Parties entered into a sale and purchase agreement on 29 October 2009 pursuant to which the Assignor agreed to sell and the Assignee agreed to purchase the entire issued share capital of the Company.
- 1.2 By a related intellectual property transfer agreement dated 23 November 2009 the Assignor has agreed to assign all right, title and interest the Assignor has in the patents and patent applications listed in the Schedule to this Assignment ("Patents") to the Assignee on the terms set out in this Assignment.

**2. ASSIGNMENT**

- 2.1 For consideration of £1 (one pound sterling) and other good and valuable consideration, the Assignor hereby sells, assigns and transfers to the Assignee all right, title and interest the Assignor has throughout the world in and to the Patents including:
  - (a) any right it may have to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of all infringements of any of the Patents, whether committed before or after the date of this Assignment;
  - (b) any entitlement it may have to any patents granted pursuant to any of the applications comprised in the Patents, for the full term of such patents; and
  - (c) any right it may have to apply for, prosecute and obtain patent or similar protection in the world for an invention embodied by any of the applications comprised in the Patents, including any right to claim priority from such applications.
- 2.2 The assignor hereby authorises the Assignee to apply solely for registration of the transfer of the Patents.
- 2.3 The Assignee hereby confirms acceptance of this Assignment.
- 2.4 Except as expressly set out in this Assignment, all conditions, warranties, contractual terms and (except in the case of fraud or fraudulent concealments) representations, express or implied by statute, common law or otherwise are excluded, to the maximum extent permitted by applicable laws.

### **3 FURTHER ASSURANCE**

The Assignor shall, at the request of the Assignee, use reasonable endeavours for a period of up to one month from the date of this Assignment to cooperate with the Assignee in executing and delivering all forms and formalities as may be reasonably required by the Assignee to record the assignment of the Patents at the relevant patent offices.

### **4 THIRD PARTY RIGHTS**

4.1 No person who is not a party to this Assignment shall have any rights under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of this Assignment.

### **5 COUNTERPARTS**

5.1 This Deed may be executed in any number of counterparts but shall not be effective until each party has executed at least the counterpart. Each counterpart shall constitute an original of this Deed but all the counterparts together shall constitute but one and the same instrument.

### **6 GOVERNING LAW AND JURISDICTION**

6.1 This Assignment and any non-contractual obligations arising from or connected with it shall be governed by English law and this Assignment shall be construed in accordance with English law. In relation to any legal action or proceedings arising out of or in connection with this Assignment (whether arising out of or in connection with contractual or non-contractual obligations) ("Proceedings"), each of the parties irrevocably submits to the exclusive jurisdiction of the English courts and waives any objection to Proceedings in such courts on the ground of venue or on the grounds that Proceedings have been brought in an inappropriate forum. This clause shall not prevent any of the Parties from applying for provisional measures (including interim injunctive relief) in the courts of any other competent jurisdiction.

IN WITNESS WHEREOF this Assignment has been duly executed the day and year first before written.

Signed by )  
Director, for and on behalf of )  
Proximagen Neuroscience Plc )

*James Hunter*  
.....  
JAMES HUNTER (DIRECTOR)

Signed by )  
.....

Signed by )  
for and on behalf of )  
Biovitrum BA (publ) )



SCHEDULE  
PATENTS



**The Schedule**

# Patent Family List

Case Number BV-1002

Attorney Renzo Verboom

Current Owner Biovitrum AB (publ)

Inventor(s) Magnus Cernerud

Margit Pelchman

Andersson Emma

Keyword(s) 5-HT2C Receptor

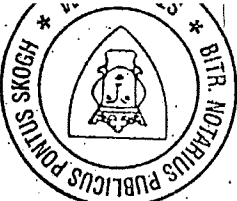
Nygren Alf

Claes Lötström

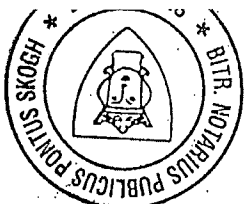
Alexander Paptchikhine

Title 5-HT2C improved process

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2003237746	2003-06-18				Filed
Austria	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	E334980	2006-08-02	2023-06-18	Granted
Austria	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	E398119	2008-06-11	2023-06-18	Granted
Belgium	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Granted
Belgium	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted
Bulgaria	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Inactive
Bulgaria	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Inactive
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2485532	2003-06-18				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	03814161.2	2003-06-18	ZL03814161.2	2007-08-29	2023-06-18	Granted
China P.R.	Regular	Division	Patent Cooperation Treaty	2	200610132184.2	2003-06-18				Inactive

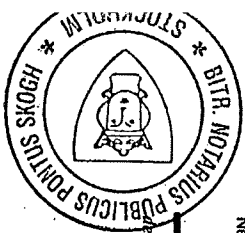


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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Cyprus	Regular	Division	PCT/EPC Application	2	CY20081100856	2003-06-18	1645558	2008-06-11	2023-06-18	Inactive
Cyprus	Regular	Original Filing	PCT/EPC Application	1	CY06/1101556	2003-06-18	CY1106225	2006-08-02	2023-06-18	Inactive
Czech Republic	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Inactive
Czech Republic	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Inactive
Denmark	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2005-08-02	2023-06-18	Granted
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Estonia	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Inactive
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European Patent Convention	Regular	Original Filing	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted
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Finland	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Granted
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France	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Granted
France	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted
Germany	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	60307286.0-08	2008-08-02	2023-06-18	Granted
Germany	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	60321606.4-08	2008-06-11	2023-06-18	Granted
Great Britain	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Granted
Great Britain	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted

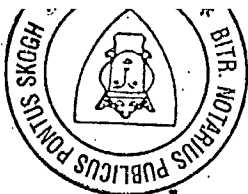


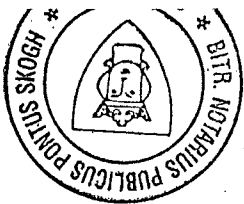
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Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Greece	Regular	Original Filing	PCT/EPC Application	03736405.6	2003-06-18	3059622	2006-08-02	2023-06-19	Inactive
Greece	Regular	Division	PCT/EPC Application	20080402138	2003-06-18	3066289	2008-06-11	2023-06-19	Inactive
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	06100135.0	2003-06-18	HK1080079	2008-03-14	2023-06-18	Granted
Hong Kong	Regular	Division	Patent Cooperation Treaty	07112911.4	2007-11-27				Inactive
Hungary	Regular	Original Filing	PCT/EPC Application	03736405.6	2003-06-18	E000906	2006-08-02	2023-06-18	Inactive
Hungary	Regular	Division	PCT/EPC Application	E05023471.1	2003-06-18	E004012	2008-06-11	2023-06-18	Inactive
India	Black Box	Original Filing	Patent Cooperation Treaty	2830/CHEM/P/2004	2003-06-18	226365	2008-12-17	2023-06-18	Granted
Ireland	Regular	Division	PCT/EPC Application	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted
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Italy	Regular	Original Filing	PCT/EPC Application	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Granted
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Japan	Regular	Original Filing	Patent Cooperation Treaty	2004-530934	2003-06-18				Filed
Luxembourg	Regular	Division	PCT/EPC Application	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-19	Granted
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Monaco	Regular	Original Filing	PCT/EPC Application	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Inactive
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Netherlands	Regular	Original Filing	PCT/EPC Application	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Granted
Netherlands	Regular	Division	PCT/EPC Application	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	536663	2003-06-18	536663	2007-09-13	2023-06-18	Granted

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Norway	Regular	Original Filing	Patent Cooperation Treaty	1	20050279	2003-06-18				Inactive
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/SE2003/001043	2003-06-18				Inactive
Portugal	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Inactive
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Slovak Republic	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	E1193	2006-08-02	2023-06-18	Inactive
Slovak Republic	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	E4054	2008-08-11	2023-06-18	Inactive
Slovenia	Regular	Original Filing	PCT/EPC Application	1	200330493	2003-06-18	1529043	2006-08-02	2023-06-18	Inactive
Slovenia	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-08-11	2023-06-18	Inactive
South Korea	Regular	Original Filing	Patent Cooperation Treaty	1	2004-7020462	2003-06-18				Inactive
Spain	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	2270051	2006-08-02	2023-06-18	Granted
Spain	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted
Sweden	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Granted
Sweden	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted
Sweden	Regular	Original Filing	National	1	0202041-0	2002-06-28				Inactive
Switzerland	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	1645558	2008-06-11	2023-06-18	Granted
Switzerland	Regular	Original Filing	PCT/EPC Application	1	03736405.6	2003-06-18	1529043	2006-08-02	2023-06-18	Granted

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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Turkey	Regular	Original Filing	PCT/EPC Application	1	TR200606110T4	2003-06-18	TR200606110T4	2006-08-02	2023-06-18	Inactive
Turkey	Regular	Division	PCT/EPC Application	2	05023471.5	2003-06-18	TR200806904T4	2008-06-14	2023-06-18	Inactive
United States	Provisional Filing	Original Filing	National		60/390656	2002-06-21			2003-06-21	Inactive
United States	Regular	Original Filing	National	1	10/464181	2003-06-18	7129354	2006-10-31	2023-06-18	Granted
United States	Regular	Division	National	2	11/359152	2006-02-22				Filed

# Patent Family List

Case Number BV-1022

Attorney Renzo Verboom

Current Owner Biovitrum AB (publ)

Inventor(s) Björn M Nilsson

Birger Sjöberg

Keyword(s) 5-HT<sub>2C</sub> Receptor

Title BVT.2314 compounds

BVT.2314 compounds

Erik Ringberg

JÖNSSON MATTIAS

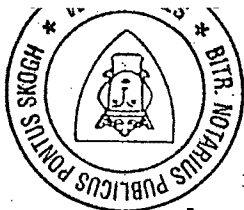
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Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2003243089	2003-06-18				Filed
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200500045	2003-06-18	008148	2007-04-27	2023-06-18	Granted
Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	PI0311970-0	2003-06-18				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2485537	2003-06-18				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	03814131.0	2003-06-18	ZL03814131.0	2009-05-06	2023-06-18	Granted
Eurasian Patent Convention	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200500045	2003-06-18	008148	2007-04-27	2023-06-18	Granted
European Patent Convention	Regular	Original Filing	European Patent Case	1	03760997.1	2003-06-18				Filed
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	05111675.4	2003-06-18				Filed
India	Black Box	Original Filing	Patent Cooperation Treaty	1	2848/CHENP/2004	2003-06-18	226367	2008-12-17	2023-06-18	Granted
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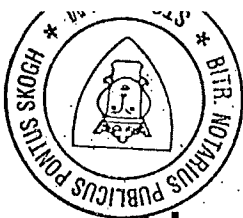
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PATENT

REEL: 024094 FRAME: 0691





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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Indonesia	Regular	Division	Patent Cooperation Treaty	2	W-00 2008 00688	2003-06-18				Inactive
Israel	Regular	Original Filing	Patent Cooperation Treaty	1	165220	2003-06-18				Inactive
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2004-530935	2003-06-18				Filed
Mexico	Regular	Original Filing	Patent Cooperation Treaty	1	4012711	2003-06-18				Inactive
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	536664	2003-06-18	536664	2007-11-08	2023-06-18	Granted
Norway	Regular	Original Filing	Patent Cooperation Treaty	1	20050270	2003-06-18				Inactive
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Philippines	Regular	Original Filing	Patent Cooperation Treaty	1	1-2004-502050	2003-06-18				Inactive
Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200500045	2003-06-18	008148	2007-04-27	2023-06-18	Granted
Singapore	Regular	Original Filing	Patent Cooperation Treaty	1	200406802-9	2003-06-18	108039	2006-12-29	2023-06-18	Inactive
South Africa	Regular	Original Filing	Patent Cooperation Treaty	1	2004/9277	2003-06-18	2004/9277	2006-01-25	2023-06-18	Inactive
South Korea	Regular	Original Filing	Patent Cooperation Treaty	1	2004-7020014	2003-06-18				Inactive
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United States	Regular	Original Filing	National	1	10/464422	2003-06-18	7226925	2007-06-05	2023-06-18	Granted
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# Patent Family List

Case Number BV-1024

Attorney Renzo Verboom

Current Owner Biovitrum AB (publ)

Inventor(s) Björn M Nilsson

Erik Ringberg

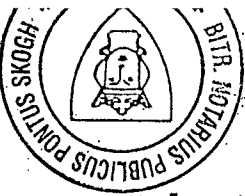
Keyword(s) 5-HT2C Receptor

Title Pyridinylpiperazines

Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	2003228196	2003-05-16				Filed
Austria	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	E327229	2006-05-24	2023-05-16	Granted
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	200401526	2003-05-16	007543	2006-10-27	2023-05-16	Granted
Belgium	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	1506185	2006-05-24	2023-05-16	Granted
Brazil	Regular	Original Filing	Patent Cooperation Treaty	P10310077-4	2003-05-16				Filed
Bulgaria	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	1506185	2006-05-24	2023-05-16	Inactive
Canada	Regular	Original Filing	Patent Cooperation Treaty	2483619	2003-05-16				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	03811249.3	2003-05-16	ZL03811249.3	2007-08-01	2023-05-16	Granted
Cyprus	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	CY1105162	2006-05-24	2023-05-16	Inactive
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Denmark	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	1506185	2006-05-24	2023-05-16	Granted
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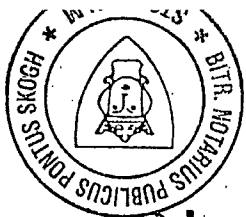


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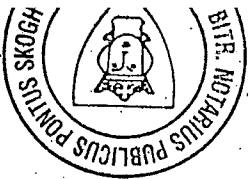
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Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Germany	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	60305484.6-08	2006-05-24	2023-05-16	Granted
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Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	06103395.9	2006-03-17	1084941	2007-11-23	2023-05-16	Granted
Hungary	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	E000590	2006-05-24	2023-05-16	Inactive
India	Black Box	Original Filing	Patent Cooperation Treaty	2586/CHENP/2004	2003-05-16	229569	2009-02-18	2023-05-16	Granted
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Ireland	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	1506185	2006-05-24	2023-05-16	Granted
Israel	Regular	Original Filing	Patent Cooperation Treaty	164974	2003-05-16				Inactive
Italy	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	1506185	2006-05-24	2023-05-16	Granted
Japan	Regular	Original Filing	Patent Cooperation Treaty	2004-505369	2003-05-16				Filed
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Mexico	Regular	Original Filing	Patent Cooperation Treaty	4011437	2003-05-16	254353	2008-02-08	2023-05-16	Inactive



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Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Netherland	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	1506185	2006-05-24	2023-05-16	Granted
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	536409	2003-05-16	536409	2008-03-13	2023-05-16	Granted
Norway	Regular	Original Filing	Patent Cooperation Treaty	20045486	2003-05-16				Inactive
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Philippines	Regular	Original Filing	Patent Cooperation Treaty	1-2004-501841	2003-05-16	1-2004-501841	2008-10-03	2023-05-16	Inactive
Portugal	Regular	Original Filing	PCT/EPC Application	03725958.7	2003-05-16	1506185	2006-05-24	2023-05-16	Inactive
Romania	Regular	Original Filing	PCT/EPC Application	1023522	2003-05-16	1506185	2008-05-24	2023-05-16	Inactive
Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	200401526	2003-05-16	007543	2006-10-27	2023-05-16	Granted
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Singapore	Regular	Original Filing	Patent Cooperation Treaty	200406314-5	2003-05-16	107814	2008-04-30	2023-05-16	Inactive
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Slovenia	Regular	Original Filing	PCT/EPC Application	P200330377	2003-05-16	1506185	2006-05-24	2023-05-16	Inactive
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South Korea	Regular	Original Filing	Patent Cooperation Treaty	2004-7018539	2003-05-16				Inactive
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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Turkey	Regular	Original Filing	PCT/EPC Application		03725958.7	2003-05-16	TR 200604195T4	2006-05-24	2023-05-16	Inactive
United States	Provisional Filing	Original Filing	National	1	60/410038	2002-09-12			2003-09-12	Inactive
United States	Regular	Original Filing	National		10/440011	2003-05-16	7229997	2007-06-12	2023-05-16	Granted

# Patent Family List

Case Number 00409

Attorney Renzo Verboom

Current Owner BIOVITRUM AB

Inventor(s) Björn M Nilsson

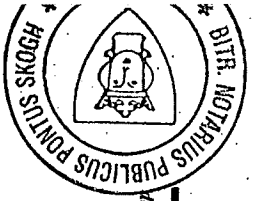
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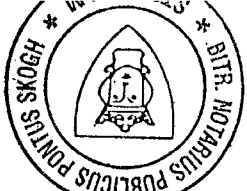
Keyword(s) 5-HT2C Receptor

Title Novel 2,3-amine substituted pyrazine derivatives having 5-HT2c receptor binding activity

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2002215294	2001-11-20	2002215294	2007-06-07	2021-11-20	Granted
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Azerbaijan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300595	2001-11-20	005975	2005-08-25	2021-11-20	Inactive
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300595	2001-11-20	005975	2005-08-25	2021-11-20	Granted
Belgium	Regular	Original Filing	PCT/EPC Application	1	01983901.8	2001-11-20	1337518	2009-06-17	2021-11-20	Granted
Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	P10115436-2	2001-11-20				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2449899	2001-11-20				Filed
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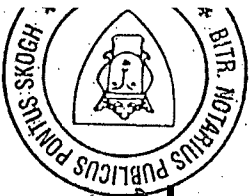
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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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India	Regular	Original Filing	Patent Cooperation Treaty	1	759/CHENP/2003	2001-11-20	209648	2007-09-05	2021-11-20	Granted
Indonesia	Regular	Original Filing	Patent Cooperation Treaty	1	W00 2003 00981	2001-11-20	IDP0022692	2009-01-28	2021-11-20	Inactive
Ireland	Regular	Original Filing	PCT/EPC Application	1	01983901.8	2001-11-20	1337518	2009-06-17	2021-11-20	Granted
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Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2002-542785	2001-11-20	4204315	2008-10-24	2021-11-20	Granted
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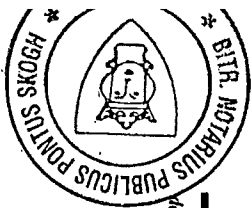
PATENT

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Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Serbia-Montenegro	Regular	Original Filing	Patent Cooperation Treaty	P-396/03	2001-11-20				Inactive
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South Africa	Regular	Original Filing	Patent Cooperation Treaty	2003/3452	2001-11-20	2003/3452	2004-07-28		Inactive
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Turkmenistan	Regular	Original Filing	PCT/Eurasian Patent Convention	200300595	2001-11-20	005975	2005-08-25	2021-11-20	Inactive
United States	Regular	Original Filing	National	09/988966	2001-11-19	6756377	2004-06-19	2021-11-19	Granted



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Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Patent Number Date	Grant Date	Expiration Date	Status
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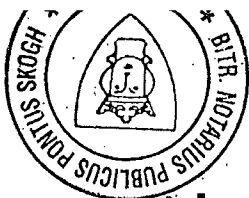
# Patent Family List

Case Number 00410  
 Attorney Renzo Verboom  
 Current Owner BIOVITRUM AB  
 Inventor(s) Björn M Nilsson  
 Keyword(s) 5-HT2C Receptor

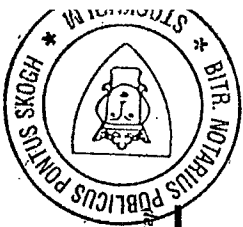
Title 2,6-substituted pyrazine derivatives having 5-HT2c receptor binding activity

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2002224266	2001-11-20	2002224266	2007-09-06	2021-11-20	Granted
Azerbaijan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300593	2001-11-20	006552	2006-02-24	2021-11-20	Inactive
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300593	2001-11-20	006552	2006-02-24	2021-11-20	Granted
Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	P10115400-1	2001-11-20				Filed
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China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	01820405.8	2001-11-20	ZL01820405.8	2006-08-02	2021-11-20	Granted
China P.R.	Regular	Division	Patent Cooperation Treaty	2	200610091721.3	2001-11-20	ZL200610091721	2009-01-14	2021-11-20	Granted
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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Poland	Regular	Original Filing	Patent Cooperation Treaty	1	P-361690	2001-11-20				Filed
Romania	Regular	Original Filing	PCT/EPC Application	1	PCT/SE01/02569	2001-11-20				Filed
Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300593	2001-11-20	006552	2006-02-24	2021-11-20	Granted
Serbia-Montenegro	Regular	Original Filing	Patent Cooperation Treaty	1	P-398/03	2001-11-20				Inactive
Singapore	Regular	Original Filing	Patent Cooperation Treaty	1	200302398-3	2001-11-20	96441	2005-11-30	2021-11-20	Granted
South Africa	Regular	Division	Patent Cooperation Treaty	2	2005/04675	2001-11-20	2005/04675	2006-05-31	2021-11-20	Granted
South Africa	Regular	Patent of Addition	National	3	2005/04712	2005-06-09				Filed
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South Korea	Regular	Original Filing	Patent Cooperation Treaty	1	7006824/2003	2001-11-20	846339	2008-07-09	2021-11-20	Granted
Sweden	Regular	Original Filing	National	1	0004245-7	2000-11-20				Inactive
Tajikistan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300593	2001-11-20	006552	2006-02-24	2021-11-20	Inactive
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# Patent Family List

**Case Number** PH-01867

**Attorney** Renzo Verboom

**Current Owner** Biovitrum AB (publ)

**Inventor(s)** Björn M Nilsson

BENJAMIN PELCMAN

JÖNSSON MATTIAS

Erik Ringberg

Markus Thor

JAN TEJBRANT

JONAS NILSSON

**Keyword(s)**

5-HT2C-Receptor

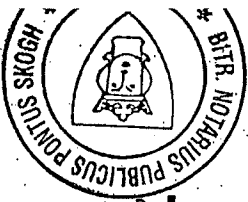
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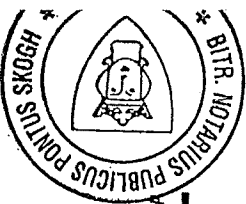
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Armenia	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	49690/00	2000-05-19	777276	2005-01-27	2020-05-19	Granted
Australia	Regular	Division	Patent Cooperation Treaty	2	2004202227	2004-05-24				Inactive
Austria	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	E313535	2005-12-21	2020-05-19	Granted
Azerbaijan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
Belgium	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
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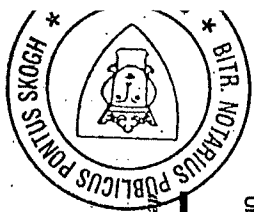
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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	00810244.9	2000-05-19	ZL00810244.9	2006-02-22	2020-05-19	Granted
Colombia	Regular	Division	National	4	00036834C	2000-05-19				Filed
Colombia	Regular	Original Filing	National	1	00036834	2000-05-19				Filed
Colombia	Regular	Division	National	2	00036834A	2000-05-19				Filed
Colombia	Regular	Division	National	3	00036834B	2000-05-19				Filed
Cyprus	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	CY06/1100359	2005-12-21	2020-05-19	Inactive
Denmark	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Ecuador	Regular	Original Filing	National	1	SP-2000-3481	2000-05-19				Filed
Eurasian Patent Convention	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Finland	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
France	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Germany	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	60024986.7-08	2005-12-21	2020-05-19	Granted
Great Britain	Regular	Original Filing	PCT/EPC Application	1	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
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Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	03100371.6	2006-05-26	HK1048311	2006-08-11	2020-05-19	Granted
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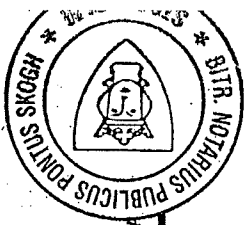
Page 8 of October 2009

Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Ireland	Regular	Original Filing	PCT/EPC Application	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Israel	Regular	Original Filing	Patent Cooperation Treaty	146582	2000-05-19				Filed
Italy	Regular	Original Filing	PCT/EPC Application	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Japan	Regular	Original Filing	Patent Cooperation Treaty	2001-503842	2000-05-19				Filed
Kazakhstan	Regular	Original Filing	PCT/Eurasian Patent Convention	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
Kyrgyzstan	Regular	Original Filing	PCT/Eurasian Patent Convention	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
Liechtenstein	Regular	Original Filing	PCT/EPC Application	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Luxembourg	Regular	Original Filing	PCT/EPC Application	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-20	Granted
Malaysia	Regular	Original Filing	National	P120002186	2000-05-19	MY-135666-A	2008-06-30	2023-06-30	Granted
Malaysia	Regular	Division	National	P120044383	2000-05-19				Inactive
Mexico	Regular	Division	Patent Cooperation Treaty	PAVA/2005/009543	2005-09-07	250287	2007-10-12	2020-05-19	Granted
Mexico	Regular	Original Filing	Patent Cooperation Treaty	1011905	2000-05-19	245285	2007-04-24	2020-05-19	Granted
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Morocco	Regular	Original Filing	PCT/EPC Application	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Netherlands	Regular	Original Filing	PCT/EPC Application	00931877.5	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	515786	2000-05-19	515786	2004-05-10	2020-05-19	Granted
Norway	Regular	Original Filing	Patent Cooperation Treaty	20015686	2000-05-19	322220	2006-08-28	2020-05-19	Granted
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	PCT/SE00/01017	2000-05-19				Inactive



2009. gada 8. oktobris 2009

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Peru	Regular	Original Filing	National	1	479-2000	2000-05-19	4255	2005-08-15	2020-05-19	Granted
Philippines	Regular	Original Filing	National	1	1-2000-01318	2000-05-22	1-2000-01318	2007-10-19	2020-05-22	Granted
Portugal	Regular	Original Filing	PCT/EPC Application	1	009318775	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
South Africa	Regular	Original Filing	Patent Cooperation Treaty	1	2001/9571	2000-05-19	2001/9571	2003-01-29	2020-05-19	Granted
South Korea	Regular	Original Filing	Patent Cooperation Treaty	1	2001-7014888	2000-05-19	722090	2007-05-18	2020-05-19	Granted
Spain	Regular	Original Filing	PCT/EPC Application	1	009318775	2000-05-19	2252004	2005-12-21	2020-05-19	Granted
Sweden	Regular	Original Filing	National	1	9901884-8	1999-05-21				Inactive
Sweden	Regular	Original Filing	PCT/EPC Application	1	009318775	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Switzerland	Regular	Original Filing	PCT/EPC Application	1	009318775	2000-05-19	1178973	2005-12-21	2020-05-19	Granted
Taiwan	Regular	Original Filing	National	1	89109775	2000-05-20	1291958	2008-01-01	2020-05-19	Granted
Tajikistan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
Thailand	Regular	Original Filing	National	1	057734	2000-05-19				Filed
Turkmenistan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200101223	2000-05-19	005820	2005-06-30	2020-05-19	Granted
United States	Regular	Original Filing	National	1	09/573348	2000-05-19				Inactive
United States	Regular	Continuation-In-Part	National	2	09/589282	2000-06-08	6465467	2002-10-15	2020-05-19	Granted
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United States	Regular	Continuation	National	4	10/873852	2004-06-22	7071180	2006-07-04	2022-10-11	Granted
United States	Provisional Filing	Original Filing	National	1	60/137527	1999-06-03				Inactive



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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Patent Number	Grant Date	Expiration Date	Status
Venezuela	Regular	Original Filing	National	1	1088-2000	2000-05-19			Filed

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PATENT

REEL: 024094 FRAME: 0708



# Patent Family List

Case Number 00335

Attorney Renzo Verboom

Current Owner BIOVITRUM AB

Inventor(s) KJELL SAKARIASSEN

Björn M Nilsson

JAN SVARTENGREN

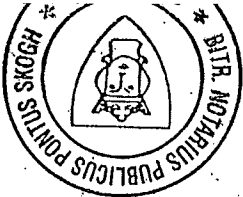
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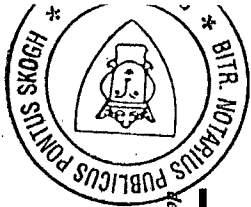
Keyword(s) 5-HT2C Receptor

Title Combination of 5-HT2C agonist and 5-HT6 antagonist

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2001282734	2001-07-19	2001282734	2007-01-25	2021-07-19	Inactive
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300183	2001-07-19	008604	2006-02-24	2021-07-19	Inactive
Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	PI0112861-0	2001-07-19				Inactive
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2411192	2001-07-19				Inactive
China P. R.	Regular	Original Filing	Patent Cooperation Treaty	1	01813154.9	2001-07-19	ZL01813154.9	2005-10-05	2021-07-19	Inactive
Eurasian Patent Convention	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300183	2001-07-19	008604	2006-02-24	2021-07-19	Inactive
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	01961472.6	2001-07-19				Inactive
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	04100306.5	2006-03-06	1057536	2006-04-28	2021-07-19	Inactive
Hungary	Regular	Original Filing	Patent Cooperation Treaty	1	P0301346	2001-07-19				Inactive
India	Regular	Original Filing	Patent Cooperation Treaty	1	109/CHENP/2003	2001-07-19	209185	2007-08-19	2021-07-19	Inactive
Indonesia	Regular	Original Filing	Patent Cooperation Treaty	1	WO0200300102	2001-07-19				Inactive

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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Israel	Regular	Original Filing	Patent Cooperation Treaty	1	154057	2001-07-19				Inactive
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2002-514087	2001-07-19				Inactive
Mexico	Regular	Original Filing	Patent Cooperation Treaty	1	PA/02003/000548	2001-07-19	234154	2006-02-03	2021-07-19	Granted
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	523216	2001-07-19	523216	2005-09-08	2021-07-19	Granted
Norway	Regular	Original Filing	Patent Cooperation Treaty	1	20030304	2001-07-19				Inactive
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Poland	Regular	Original Filing	Patent Cooperation Treaty	1	P-360309	2001-07-19				Inactive
Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300183	2001-07-19	006604	2006-02-24	2021-07-19	Inactive
Serbia-Montenegro	Regular	Original Filing	Patent Cooperation Treaty	1	P-26/03	2001-07-19				Inactive
Singapore	Regular	Original Filing	Patent Cooperation Treaty	1	200207715-4	2001-07-19	93972	2005-04-29	2021-07-19	Inactive
South Africa	Regular	Original Filing	Patent Cooperation Treaty	1	2002/10234	2001-07-19	2002/10234	2004-05-26	2021-07-19	Inactive
South Korea	Regular	Original Filing	Patent Cooperation Treaty	1	2003-7000321	2001-07-19	845450	2008-07-10	2021-07-19	Granted
Sweden	Regular	Original Filing	National	1	0002754-0	2000-07-21				Inactive
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# Patent Family List

Case Number BV-1140

Attorney Helena Danielsson

Current Owner Biovitrum AB (publ)

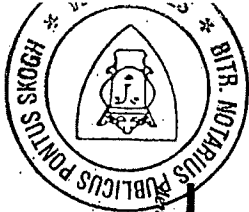
Inventor(s) Johan Anbrant Rune Ringom Peter Brandt

BENGT LINDQVIST

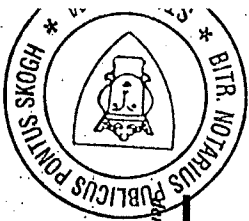
Keyword(s) 5-HT6 Receptor

Title Pyrroloisoquinolines acting at the 5-HT6 receptor

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2008225753	2008-03-13				Filed
Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/EP2008/053002	2008-03-13				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/EP2008/053002	2008-03-13				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/EP2008/053002	2008-03-13				Filed
Eurasian Patent Convention	Regular	Original Filing	Eurasian Patent Convention	1	PCT/EP2008/053002	2008-03-13				Filed
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	PCT/EP2008/053002	2008-03-13				Filed
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1						Docketed
India	Regular	Original Filing	Patent Cooperation Treaty	1	3066/KOLNP/2009	2008-03-13				Filed
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/EP2008/053002	2008-03-13				Filed
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	579360	2008-03-13				Filed



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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/EP2008/053002	2008-03-13				Inactive
Sweden	Regular	Original Filing	National	1	0700611-7	2007-03-13				Inactive
United States	Provisional Filing	Original Filing	National	1	61/002029	2007-11-05				Inactive
United States	Regular	Original Filing	National	1	12/075979	2008-03-13				Filed

# Patent Family List

**Case Number** BV-1141

**Attorney** Helena Danielsson

**Current Owner** Biovitrum AB (publ)

**Inventor(s)** GARY JOHANSSON  
Johan Anbrant

Katarina Baierlein  
Kristin Hammer

BENGT LINDQVIST  
Peter Brandt

Rune Ringom  
Erik Ringberg  
Björn M Nilsson

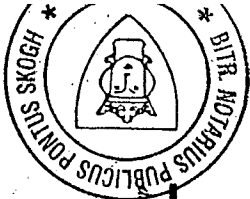
**Keyword(s)** 5-HT6 Receptor

**Title** 4-alkylsubstituted sulfonylindoles acting at the 5-HT6 receptor

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2007271188	2007-07-03				Filed
Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	PI0712898-3	2007-07-03				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2655694	2007-07-03				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	200780024768.0	2007-07-03				Filed
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	07787013.7-2117	2007-07-03				Filed
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	09108132.3	2009-09-04				Filed
India	Regular	Original Filing	Patent Cooperation Treaty	1	5103/KOLNP/2008	2007-07-03				Filed
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2009-517258	2007-07-03				Filed
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	573371	2007-07-03				Filed
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/EP2007/056690	2007-07-03				Inactive

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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Russian Federation	Regular	Original Filing	Patent Cooperation Treaty	1	2009103313	2007-07-03				Filed
Sweden	Regular	Original Filing	National	1	0601459-1	2006-07-03				Inactive
United States	Provisional Filing	Original Filing	National	1	60/861146	2006-11-27			2007-11-27	Inactive
United States	Regular	Original Filing	National	1	11/824939	2007-07-03				Filed

PATENT

REEL: 024094 FRAME: 0714

# Patent Family List

Case Number BV-1142

Attorney Helena Danielsson

Current Owner Biovitrum AB (publ)

Inventor(s) Peter Brandt

Wei Berts

BENGT LINDQVIST

Keyword(s) 5-HT6 Receptor

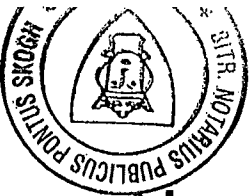
Title Oxazeprinindoles acting at the 5-HT6 receptor

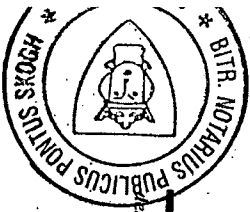
Rune Ringom  
Kristin Hammer

Erik Ringberg  
Sofia Henriksson

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	PI0717946-4	2007-10-30				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2687857	2007-10-30				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	200780040509.7	2007-10-30				Filed
Eurasian Patent Convention	Regular	Original Filing	Eurasian Patent Convention	1	200970432	2007-10-30				Filed
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	07835158.2-2101	2007-10-30				Filed
India	Regular	Original Filing	Patent Cooperation Treaty	1	1297/KOLNP/2009	2007-10-30				Filed
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2009-535234	2007-10-30				Filed
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	577103	2007-10-30				Filed

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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/SE2007/000958	2007-10-30				Inactive
Sweden	Regular	Original Filing	National	1	0602283-4	2006-10-30				Inactive
United States	Provisional Filing	Original Filing	National	1	60/672209	2006-12-01			2007-12-01	Inactive
United States	Regular	Original Filing	National	1	11/980114	2007-10-30				Filed



# Patent Family List

Case Number BV-1097

Attorney Helena Danielsson

Current Owner Biovitrum AB (publ)

Inventor(s) PATRIZIA CALDIROLA

Keyword(s) 5-HT6 Receptor

Title Substituted reversed sulfonamides

GARY JOHANSSON

Lori Sulim

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2006259082	2006-08-15				Filed
Austria	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Belgium	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	PI0612746-0	2006-06-15				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2610383	2006-06-15				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	200680020143.2	2006-06-15				Filed
Denmark	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Eurasian Patent Convention	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200800071	2006-06-15				Filed
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Finland	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
France	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted

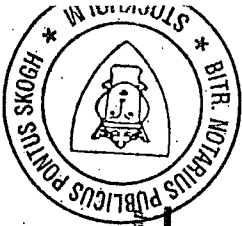


April 8 oktober 2009



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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Great Britain	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	08108312.6	2006-07-28				Filed
India	Regular	Original Filing	Patent Cooperation Treaty	1	4525/KOLNP/2007	2006-06-15				Filed
Indonesia	Regular	Original Filing	Patent Cooperation Treaty	1	W-00200704130	2006-06-15				Filed
Ireland	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Israel	Regular	Original Filing	Patent Cooperation Treaty	1	187575	2006-06-15				Filed
Italy	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2008-516325	2006-06-15				Filed
Luxembourg	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-16	Granted
Mexico	Regular	Original Filing	Patent Cooperation Treaty	1	MX/a/2007/015988	2006-06-15				Filed
Netherlands	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	563610	2006-06-15				Filed
Norway	Regular	Original Filing	Patent Cooperation Treaty	1	20080354	2006-06-15				Filed
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/EP2006/063249	2006-06-15				Inactive
Philippines	Regular	Original Filing	Patent Cooperation Treaty	1	1-2007-502832	2006-06-15				Filed
Singapore	Regular	Original Filing	Patent Cooperation Treaty	1	200717837-9	2006-06-15				Filed
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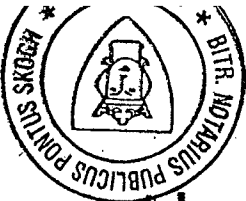
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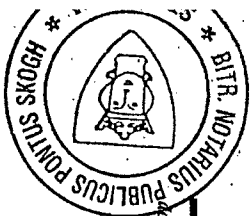
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Spain	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Sweden	Regular	Original Filing	National	1	0501383-4	2005-06-17				Inactive
Sweden	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
Switzerland	Regular	Original Filing	PCT/EPC Application	1	06763743.9	2006-06-15	1896460	2009-07-22	2026-06-15	Granted
United States	Provisional Filing	Original Filing	National	2	60706.523	2005-08-09			2006-08-09	Inactive
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# Patent Family List

Case Number	BV-1062								
Attorney	Helena Danielsson								
Current Owner	BIOVITRUM AB								
Inventor(s)	GARY JOHANSSON	Peter Brandt	Björn M Nilsson						
Keyword(s)	5-HT6 Receptor								
Title	Benzofuranes								
Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	2004299438	2004-12-20				Filed
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	200601194	2004-12-20	010298	2008-05-04	2024-12-20	Granted
Brazil	Regular	Original Filing	Patent Cooperation Treaty	PI0417833-5	2004-12-20				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty	2545506	2004-12-20				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	2004800354866	2004-12-20				Filed
Eurasian Patent Convention	Regular	Original Filing	PCT/Eurasian Patent Convention	200601194	2004-12-20	010298	2008-05-04	2024-12-20	Granted
European Patent Convention	Regular	Original Filing	PCT/EPC Application	04809122.7	2004-12-20				Filed
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	07102033.8	2007-02-23				Filed
India	Regular	Original Filing	Patent Cooperation Treaty	2636/CHENP/2006	2004-12-20				Filed
Indonesia	Regular	Original Filing	Patent Cooperation Treaty	W-00200601688	2004-12-20				Filed
Israel	Regular	Original Filing	Patent Cooperation Treaty	175960	2004-12-20				Filed

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Country	Case Type	Relation Type	Filing Type	Index Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Japan	Regular	Original Filing	Patent Cooperation Treaty	2006-545299	2004-12-20				Filed
Mexico	Regular	Original Filing	Patent Cooperation Treaty	PAA/2006/008974	2004-12-20				Filed
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	546743	2004-12-20				Filed
Norway	Regular	Original Filing	Patent Cooperation Treaty	20062923	2004-12-20				Filed
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Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	200601194	2004-12-20	010298	2008-05-04	2024-12-20	Granted
Singapore	Regular	Original Filing	Patent Cooperation Treaty	200604176-8	2004-12-20				Inactive
South Africa	Regular	Original Filing	Patent Cooperation Treaty	2006/03617	2004-12-20	2006/03617	2007-09-26	2024-12-20	Granted
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Sweden	Regular	Original Filing	National	0303480-8	2004-12-19				Inactive
United States	Provisional Filing	Original Filing	National	60/549652	2004-03-03			2005-03-03	Inactive
United States	Regular	Original Filing	National	11/018019	2004-12-20				Filed

# Patent Family List

Case Number BV-1029

Attorney Helena Danielsson

Current Owner BIOVITRUM AB

Inventor(s) GARY JOHANSSON

Keyword(s) 5-HT6 Receptor

Anika Jenmalm Jensen

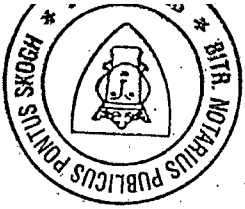
Katarina Beierlein

Title 6,6-fused bicyclic ring sulphones

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Australia	Regular	Original Filing	Patent Cooperation Treaty		2003243091	2003-06-19				Filed
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Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention		200500054	2003-06-19	008835	2007-06-04	2023-06-19	Granted
Belarus	Regular	Division	Eurasian Patent Convention	2	200600975	2003-06-19	011581	2009-04-28	2023-06-19	Granted
Brazil	Regular	Original Filing	Patent Cooperation Treaty		PI0311952-1	2003-06-19				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty		2486989	2003-06-19				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty		03814432.8	2003-06-19				Inactive
China P.R.	Regular	Division	Patent Cooperation Treaty	2	200610108038.7	2003-06-19				Filed
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den 8 oktober 2009

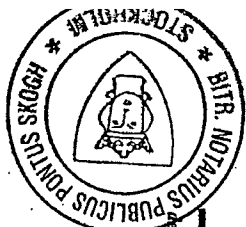
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den 8 oktober 2009

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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European Patent Convention	Regular	Division	PCT/EPC Application	2	07122269.9	2007-12-04				Filed
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Hong Kong	Regular	Division	Patent Cooperation Treaty	2	07107066.7	2007-07-03				Filed
Hong Kong	Regular	Division	Patent Cooperation Treaty	3	08106105.1	2008-06-02				Filed
India	Regular	Division	Patent Cooperation Treaty	2	2849/CHENP/2007	2007-06-27				Filed
India	Regular	Division	Patent Cooperation Treaty	3	4830/CHENP/2007	2007-10-29				Inactive
India	Black Box	Original Filing	Patent Cooperation Treaty		3052/CHENP/2004	2003-06-19	224431	2008-10-15	2023-06-19	Inactive
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Israel	Regular	Original Filing	Patent Cooperation Treaty	1	165051	2003-06-19				Inactive
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Japan	Regular	Original Filing	Patent Cooperation Treaty		2004-530936	2003-06-19				Filed
Kazakhstan	Regular	Original Filing	PCT/Eurasian Patent Convention		200500054	2003-06-19	008835	2007-06-04	2023-06-19	Inactive



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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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Mexico	Regular	Division	Patent Cooperation Treaty	2	MX/a/2007/008638	2007-07-16				Inactive
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Moldova	Regular	Original Filing	PCT/Eurasian Patent Convention		200500054	2003-06-19	008835	2007-06-04	2023-06-19	Inactive
New Zealand	Regular	Original Filing	Patent Cooperation Treaty		536600	2003-06-19	536600	2007-12-13	2023-06-19	Inactive
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Norway	Regular	Original Filing	Patent Cooperation Treaty		20050294	2003-06-19				Filed
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Serbia-Montenegro	Regular	Original Filing	Patent Cooperation Treaty		P-1112/04	2003-06-19				Filed
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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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PATENT

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# Patent Family List

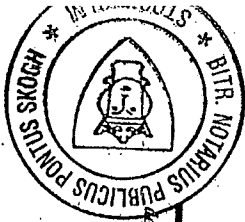
Case Number 00476  
 Attorney Helena Danielsson  
 Current Owner BIOVITRUM AB  
 Inventor(s) GARY JOHANSSON

Ulf Bremberg  
 Markus Thor  
 Annika Jenmalm Jensen  
 Katarina Beierlein  
 PATRIZIA CALDIROLA  
 Andrew Molt  
 Lars Tedenborg

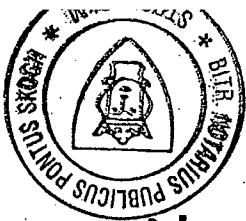
Keyword(s) 5-HT6 Receptor

Title NaphthaleneSulphonamide derivatives as selective 5-HT6 receptor antagonists for the treatment of obesity, diabetes type 2 and CNS disorders

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Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2002309435	2002-06-11	2002309435	2008-11-27	2022-06-11	Granted
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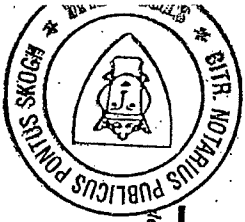
Den 8 oktober 2009



Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Eurasian Patent Convention	Regular	Original Filing	PCT/Eurasian Patent Convention	1	2004/00027	2002-06-11	008476	2007-02-28	2022-06-11	Granted
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	027789163	2002-06-11				Filed
Hong Kong	Regular	Division	Patent Cooperation Treaty	2	061130167	2006-11-28				Inactive
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	04109896.2	2004-12-14				Filed
Hong Kong	Regular	Division	Patent Cooperation Treaty	3						Docketed
India	Regular	Division	Patent Cooperation Treaty	2	3778/CHENP/2007	2007-08-30				Filed
India	Black Box	Original Filing	Patent Cooperation Treaty	1	1957/CHENP/2003	2002-06-11	223196	2008-09-05	2022-06-11	Granted
Indonesia	Regular	Original Filing	Patent Cooperation Treaty	1	W-00 2003 02432	2002-06-11				Filed
Israel	Regular	Original Filing	Patent Cooperation Treaty	1	158590	2002-06-11				Filed
Japan	Regular	Division	Patent Cooperation Treaty	2	2009-209444	2002-06-11				Filed
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Kazakhstan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	2004/00027	2002-06-11	008476	2007-02-28	2022-06-11	Inactive
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Mexico	Regular	Division	Patent Cooperation Treaty	2	MX/a/2007/007084	2007-06-13				Inactive
Mexico	Regular	Original Filing	Patent Cooperation Treaty	1	3011083	2002-06-11	248725	2007-09-05	2022-06-11	Granted
Moldova	Regular	Original Filing	PCT/Eurasian Patent Convention	1	2004/00027	2002-06-11	008476	2007-02-28	2022-06-11	Inactive
Montenegro	Regular	Original Filing	Patent Cooperation Treaty	1	980/03	2002-06-11				Inactive
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den 8 Oktober 2009

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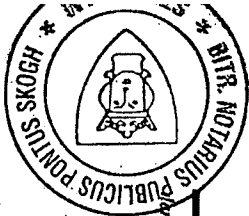
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Philippines	Regular	Original Filing	Patent Cooperation Treaty	1	1-2003-501291	2002-06-11				Filed
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Poland	Regular	Original Filing	Patent Cooperation Treaty	1	P-367264	2002-06-11				Filed
Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200400027	2002-06-11	008476	2007-02-28	2022-06-11	Granted
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Singapore	Regular	Original Filing	Patent Cooperation Treaty	1	200306303-9	2002-06-11	100904	2006-11-30	2022-06-11	Granted
South Africa	Regular	Original Filing	Patent Cooperation Treaty	1	2003/8097	2002-06-11	2003/8097	2004-12-29	2022-06-11	Granted
South Korea	Regular	Original Filing	Patent Cooperation Treaty	1	2003-7016203	2002-06-11	889718	2009-03-13	2022-06-11	Granted
South Korea	Regular	Division	Patent Cooperation Treaty	2	2008-7016920	2008-07-11	888906	2009-03-10	2022-06-11	Inactive
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2009-08-08

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
India	Black Box	Original Filing	Patent Cooperation Treaty	1	1773/CHENP/2003	2002-05-08	227050	2008-12-31	2022-05-08	Granted
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Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2002-589470	2002-05-08				Filed
Mexico	Regular	Original Filing	Patent Cooperation Treaty	1	3010232	2002-05-08				Filed
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	528450	2002-05-08	528450	2006-06-08	2022-05-08	Granted
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Poland	Regular	Original Filing	Patent Cooperation Treaty	1	P-366619	2002-05-08				Filed
Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200301232	2002-05-08	009647	2007-11-30	2022-05-08	Granted
Serbia-Montenegro	Regular	Original Filing	Patent Cooperation Treaty	1	P-888/03	2002-05-08				Filed
Singapore	Regular	Original Filing	Patent Cooperation Treaty	1	200306630-5	2002-05-08	100475	2006-03-31	2022-05-08	Granted
South Africa	Regular	Original Filing	Patent Cooperation Treaty	1	2003/7953	2002-05-08	2003/7953	2004-12-29	2022-05-08	Granted
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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
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United States	Regular	Original Filing	National	1	10/143335	2002-05-10	7173035	2007-02-06	2022-05-10	Granted
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# Patent Family List

Case Number 00382

Attorney Helena Danielsson

Current Owner BIOVITRUM AB

Inventor(s) PATRIZIA CALDIROLA

Keyword(s) 5-HT6 Receptor

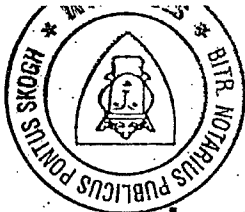
Björn M Nilsson

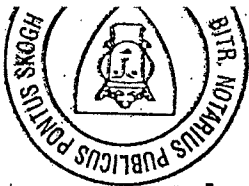
GARY JOHANSSON

Title 4- or 5-substituted N1-(benzensulfonyl)indoles as novel 5-HT6 antagonists for the treatment of obesity and CNS disorders.

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Armenia	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2001296193	2001-10-19	2001296193	2006-08-10	2021-10-19	Granted
Azerbaijan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
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Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2422717	2001-10-19				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	01817407.8	2001-10-19	ZL01817407.8	2008-04-02	2021-10-19	Granted
China P.R.	Regular	Division	Patent Cooperation Treaty	2	200810074224.1	2008-02-13				Filed
Eurasian Patent Convention	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	01977043.7	2001-10-19				Filed

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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Hong Kong	Regular	Division	Patent Cooperation Treaty	2	09103717.7	2009-04-22				Filed
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	06104346.7	2006-04-11	HK1084109	2009-06-26	2021-10-19	Granted
India	Regular	Original Filing	Patent Cooperation Treaty	1	573CHENP/2003	2001-10-19	224858	2008-10-23	2021-10-19	Granted
Indonesia	Regular	Original Filing	Patent Cooperation Treaty	1	W-00200300966	2001-10-19				Filed
Israel	Regular	Original Filing	Patent Cooperation Treaty	1	154685	2001-10-19				Filed
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2002-536047	2001-10-19	4343527	2009-07-17	2021-10-19	Granted
Japan	Regular	Division	Patent Cooperation Treaty	2	2009-042453	2001-10-19				Filed
Kazakhstan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
Kyrgyzstan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
Lithuania	Regular	Original Filing	Patent Cooperation Treaty	1						Docketed
Mexico	Regular	Original Filing	Patent Cooperation Treaty	1	3003397	2001-10-19	239284	2006-08-04	2021-10-19	Granted
Moldova	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	524675	2001-10-19	524675	2005-01-13	2021-10-19	Granted
Norway	Regular	Original Filing	Patent Cooperation Treaty	1	20031589	2001-10-19	325259	2008-03-17	2021-10-19	Granted
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Philippines	Regular	Original Filing	Patent Cooperation Treaty	1	1-2003-500216	2001-10-19				Filed
Poland	Regular	Original Filing	Patent Cooperation Treaty	1	P-361887	2001-10-19				Filed
Russian Federation	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted





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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Serbia-Montenegro	Regular	Original Filing	Patent Cooperation Treaty	1	P-304/03	2001-10-19				Filed
Singapore	Regular	Original Filing	Patent Cooperation Treaty	1	200302060-9	2001-10-19	96313	2005-05-31	2021-10-19	Granted
South Africa	Regular	Original Filing	Patent Cooperation Treaty	1	2003/1693	2001-10-19	2003/1693	2004-05-26	2021-10-19	Granted
South Korea	Regular	Original Filing	Patent Cooperation Treaty	1	2003-7005482	2001-10-19	823908	2008-04-15	2021-10-19	Granted
Sweden	Regular	Original Filing	National	1	0003810-9	2000-10-20				Inactive
Tajikistan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
Turkmenistan	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200300492	2001-10-19	006132	2005-10-27	2021-10-19	Granted
United States	Regular	Original Filing	National	1	10/037110	2001-10-22	7087750	2006-08-08	2021-10-22	Granted
United States	Regular	Continuation-in-Part	National	2	11/057033	2005-02-11	7524839	2009-04-28	2021-10-22	Granted
United States	Provisional Filing	Original Filing	National	1	60/243115	2000-10-25			2001-10-25	Inactive

# Patent Family List

Case Number 00336

Attorney Helena Danielsson

Current Owner BIOVITRUM AB

Inventor(s) PATRIZIA CALDIROLA  
JAN SVARTENGREN

KJELL SAKARIASSEN

SUKHWINDER JOSSAN

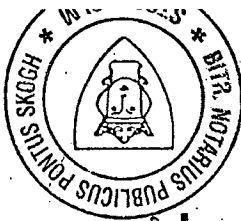
Keyword(s) 5-HT6 Receptor

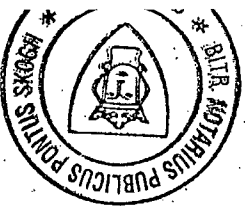
Title Use of 5-HT6 antagonist compound for treatment of and manufacture of medicaments for obesity

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2001271225	2001-07-19	2001271225	2006-12-21	2021-07-19	Inactive
Austria	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	E346040	2006-11-22	2021-07-19	Inactive
Belgium	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2411195	2001-07-19				Inactive
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	01813150.6	2001-07-19	ZL01813150.6	2007-09-26	2021-07-19	Inactive
Cyprus	Regular	Original Filing	PCT/EPC Application	1	CY07/1100214	2001-07-19	CY1106026	2006-11-22	2021-07-19	Inactive
Denmark	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
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Finland	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
France	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive

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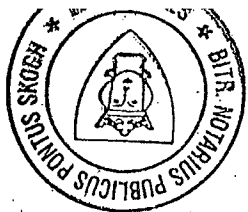
Page 1 of 3





Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Germany	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	60124717.5-08	2006-11-22	2021-07-19	Inactive
Great Britain	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
Greece	Regular	Original Filing	PCT/EPC Application	1	20070400431	2001-07-19	3080830	2006-11-22	2021-07-20	Inactive
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	04100767.7	2001-07-19	HK1057896	2008-05-09	2021-07-19	Granted
India	Regular	Original Filing	Patent Cooperation Treaty	1	62/CHENP/2003	2001-07-19				Inactive
Ireland	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
Italy	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2002-514088	2001-07-19				Inactive
Luxembourg	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-20	Inactive
Monaco	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
Netherlands	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
New Zealand	Regular	Original Filing	Patent Cooperation Treaty	1	523158	2001-07-19	523158	2004-08-12	2021-07-19	Granted
Norway	Regular	Original Filing	Patent Cooperation Treaty	1	20030297	2001-07-19				Inactive
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/SE01/01652	2001-07-19				Inactive
Portugal	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive
South Korea	Regular	Division	Patent Cooperation Treaty	2	2008-7000262	2008-01-04	880806	2009-01-21	2021-07-19	Granted
South Korea	Regular	Original Filing	Patent Cooperation Treaty	1	2003-7000687	2001-07-19	828977	2008-05-06	2021-07-19	Granted
Spain	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2006-11-22	2021-07-19	Inactive

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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Sweden	Regular	Original Filing	National	1	0002739-1	2000-07-21				Inactive
Sweden	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2008-11-22	2021-07-19	Inactive
Switzerland	Regular	Original Filing	PCT/EPC Application	1	01950200.4	2001-07-19	1301475	2008-11-22	2021-07-19	Inactive
Turkey	Regular	Original Filing	PCT/EPC Application	1	TR200700989T4.	2001-07-19	TR200700989T4.	2006-11-22	2021-07-19	Inactive
United States	Provisional Filing	Original Filing	National	1	60/222284	2000-08-01				Inactive
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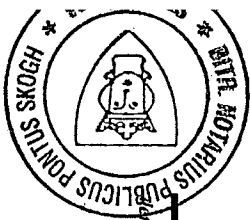
# Patent Family List

Case Number BV-1008  
 Attorney Helena Danielsson  
 Current Owner BIOVITRUM AB  
 Inventor(s) PATRIZIA CALDIROLA  
 Keyword(s) 5-HT6 Receptor  
 Title

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Austria	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	E353646	2007-02-14	2022-10-22	Granted
Belgium	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Bulgaria	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Cyprus	Regular	Original Filing	PCT/EPC Application	1	CY07/1/00610	2002-10-22	CY1106566	2007-02-14	2022-10-22	Granted
Czech Republic	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Denmark	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Estonia	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	E001161	2007-02-14	2022-10-22	Granted
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Finland	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
France	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Germany	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	60218194.1-08	2007-02-14	2022-10-22	Granted
Great Britain	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted



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Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Greece	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	3061797	2007-02-14	2022-10-23	Granted
Ireland	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Italy	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2003537628	2002-10-22				Inactive
Luxembourg	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-23	Granted
Monoco	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Netherlands	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/SE02/01929	2002-10-22				Inactive
Portugal	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Slovak Republic	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	E1964	2007-02-14	2022-10-22	Granted
Spain	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Sweden	Regular	Original Filing	National	1	0103539-3	2001-10-23				Inactive
Sweden	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Switzerland	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	1438045	2007-02-14	2022-10-22	Granted
Turkey	Regular	Original Filing	PCT/EPC Application	1	02786300.0	2002-10-22	TR20070320514	2007-02-14	2022-10-22	Granted
United States	Provisional Filing	Original Filing	National	1	60/340599	2001-12-14				Inactive
United States	Regular	Original Filing	National	1	10/277299	2002-10-22				Filed

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PATENT

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# Patent Family List

Case Number BV-1009

Attorney Helena Danielsson

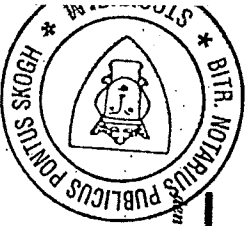
Current Owner Biovitrum AB (publ)

Inventor(s) PATRIZIA CALDIROLA

Keyword(s) 5-HT6 Receptor

Title 5-HT6 ligands for obesity (II)

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	02783922.4	2002-11-06	1450806	2009-04-29	2022-11-06	Inactive
Japan	Regular	Original Filing	Patent Cooperation Treaty	1	2003-541838	2002-11-06				Inactive
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/SE2002/002019	2002-11-06				Inactive
Sweden	Regular	Original Filing	National	1	0103767-0	2001-11-09				Inactive
United States	Provisional Filing	Original Filing	National	1	60/356890	2002-02-13				Inactive
United States	Regular	Original Filing	National	1	10/290,915	2002-11-08				Filed



den 20 oktober 2009

# Patent Family List

**Case Number** BV-1188

**Attorney** Renzo Verboom

**Current Owner** Biovitrum AB (publ)

**Inventor(s)** Marianne Nilsson

Rikard Ermond

Edward Savory

MARTIN HARALDSSON

Sofia Henriksson

Iain David Simpson

**Keyword(s)** SSAAO

**Title** Imidazopyridine alcohols

**Country** Sweden

**Case Type** Regular

**Relation Type** Original Filing

**Filing Type** National

**Index** 0850116-5

**Application Number** 61/203362

**Application Date** 2008-12-23

**Patent Number** 04

**Grant Date** 2009-12-04

**Expiration Date** 2009-12-04

**Status** Inactive

**United States** Provisional Filing

**Original Filing** National

**Index** 61/203362

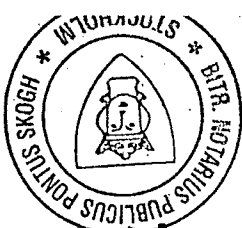
**Application Number** 23

**Application Date** 2008-12-23

**Patent Number** 04

**Grant Date** 2009-12-04

**Status** Filed



den 3 oktober 2009





Printed on 8 October 2009

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
United States	Regular	Original Filing	National	1	10/167141	2002-06-11	7144883	2006-12-05	2022-06-11	Granted
United States	Regular	Division	National	2	11/510324	2006-08-25	7572787	2009-08-11		Inactive
United States	Regular	Division	National	3	11/509989	2006-08-25				Filed
United States	Regular	Division	National	4	11/509914	2006-08-25				Filed

# Patent Family List

Case Number 00477

Attorney Helena Danielsson

Current Owner Biovitrum AB (publ)

Inventor(s) Annika Jenmalm Jensen

JAN TEJBRANT

GARY JOHANSSON  
PATRIZIA CALDIROLA

Andrew Mott  
Ulf Bremberg

Loft Sutin

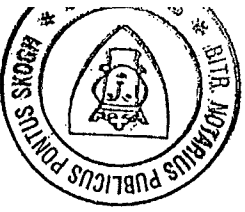
Keywords(s) 5-HT6 Receptor

Title Bis-arylsulphonamides and arylsulphonamides, as selective 5-HT6 antagonists for the treatment of obesity, diabetes type 2 and CNS disorders.

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Australia	Regular	Original Filing	Patent Cooperation Treaty	1	2002303061	2002-05-08	2002303061	2009-05-14	2022-05-08	Granted
Belarus	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200301232	2002-05-08	009647	2007-11-30	2022-05-08	Granted
Brazil	Regular	Original Filing	Patent Cooperation Treaty	1	PI0209558-0	2002-05-08				Filed
Canada	Regular	Original Filing	Patent Cooperation Treaty	1	2443724	2002-05-08				Filed
China P.R.	Regular	Original Filing	Patent Cooperation Treaty	1	02809614.2	2002-05-08	ZL02809614.2	2007-08-01	2022-05-08	Granted
Eurasian Patent Convention	Regular	Original Filing	PCT/Eurasian Patent Convention	1	200301232	2002-05-08	009647	2007-11-30	2022-05-08	Granted
European Patent Convention	Regular	Original Filing	PCT/EPC Application	1	02769640.0	2002-05-08				Filed
Hong Kong	Regular	Original Filing	Patent Cooperation Treaty	1	05100327.9	2002-05-08	HK1068335	2007-12-07	2022-05-08	Granted
India	Regular	Division	Patent Cooperation Treaty	2	20/CHENP/2008	2008-01-02				Filed

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# Patent Family List

Case Number BV-1170

Attorney Renzo Verboom

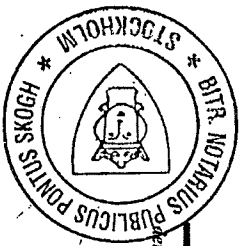
Current Owner Biovitrum AB (publ)

Inventor(s) Edward Savory Iain David Simpson

Keyword(s) SSSAO

Title PZP series

Country	Case Type	Relation Type	Filing Type	Index	Application Number	Application Date	Patent Number	Grant Date	Expiration Date	Status
Patent Cooperation Treaty	Regular	Original Filing	Patent Cooperation Treaty	1	PCT/EP2009/062018	2009-09-16				Filed
Sweden	Regular	Original Filing	National	1	0801980-4	2008-09-16				Inactive
United States	Provisional Filing	Original Filing	National	1	61/106727	2008-10-20				Inactive



den 8 oktober 2009

# Patent Family List

Case Number BV-1189

Attorney Renzo Verboom

Current Owner Biovitrum AB (publ)

Inventor(s) MARTIN HARALDSSON

Erik Nordling

Keyword(s) SSAO

Title Pyrolopyridines

Country Case Type Relation Type

Filing Type

Index Application Number

Application Patent Number

Grant Date

Expiration Date Status

Sweden

Regular

Original Filing

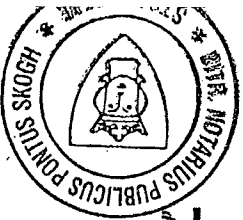
National

Docketed

Tobias Koolmeister

Marianne Nilsson

Michael Weber



den 8 oktober 2009

# Patent Family List

Case Number BV-1186

Attorney Renzo Verboom

Current Owner Biovitrum AB (publ)

Inventor(s) Fredrik Lehmann

Keyword(s) TKA

Title Aminopyrazines as TKA inhibitors

Country

Case Type

Relation Type

Filing Type

Index Application Number

Application Date

Patent Number

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0802419-2

2008-11-18

Inactive

United States

Provisional Filing

Original Filing

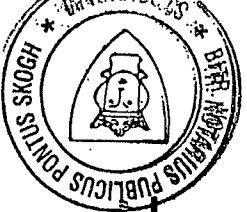
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61/142933

2009-01-07

2009-11-18

Filed



Appl 8 oktober 2009