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International application number: PCT/EP2007/005597

International filing date: 25 June 2007 (25.06.2007)

Document type: Certified copy of priority document

Document details: Country/Office: GB
Number: 0612721.1
Filing date: 27 June 2006 (27.06.2006)

Date of receipt at the International Bureau: 16 July 2007 (16.07.2007)

Remark: Priority document submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b)



World Intellectual Property Organization (WIPO) - Geneva, Switzerland

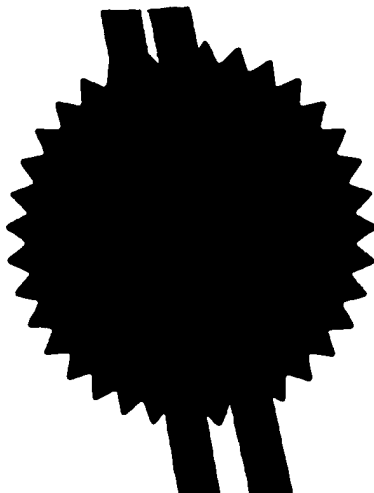
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Andrew Gersy

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Dated 17 April 2007

Patents Form 1/77

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The Patent Office

Cardiff Road
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NP10 8QQ

Application number GB

1. Your reference:
(optional)

50279P1

0612721.1

2. Full name, address and postcode of the applicant or of each applicant (underline all surnames):

Novartis AG
Lichtstrasse 35
CH - 4056 Basel
Switzerland

Patents ADP number (if you know it):

7125487005

If the applicant is a corporate body, give the country/state of its incorporation:

Switzerland

3. Title of the invention:

Organic Compounds

4. Name of your agent (if you have one):

"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)

Novartis Pharmaceuticals UK Limited
Patents and Trademarks
Wimblehurst Road
Horsham, West Sussex
RH12 5AB
07181522002 ✓

Patents ADP number (if you know it):

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Country	Application number (if you know it)	Date of filing (day / month / year)

6. Divisionals etc: Is this application a divisional application, or being made following resolution of an entitlement dispute about an earlier application? If so, please give the application number and filing date of the earlier application:

Number of earlier UK application	Date of filing (day / month / year)

7. Inventorship: (Inventors must be individuals not companies)

(Please tick the appropriate boxes)

Are all the applicants named above also inventors?

YES NO

If yes, are there any other inventors?

YES NO

8. Are you paying the application fee with this form?

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9. Accompanying documents: not counting duplicates, please enter the number of pages of each item accompanying this form:

Continuation sheets of this form:

Description:

16

Claim(s):

1

Abstract:

Drawing(s):

If you are **not** filing a description, please give details of the previous application you are going to rely upon:

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10. If you are also filing any of the following, state how many against each item.

Priority documents:

Statement of inventorship and right to grant of a patent (Patents Form 7/77):

Request for search (Patents Form 9A/77): 1

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Any other documents:
(please specify)

11. I/We request the grant of a patent on the basis of this application.

Signature(s):

Date:

27/06/2006

12. Name, e-mail address, telephone, Fax and/or mobile number, if any, of a contact point for the applicant:

Mrs S Schnerr

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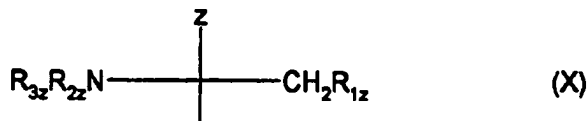
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Organic Compounds

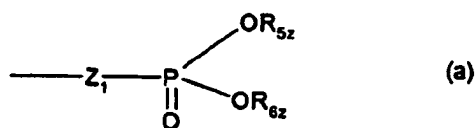
The present invention relates to the use of an S1P receptor modulator in the treatment or prevention of neo-angiogenesis associated with a demyelinating disease, e.g. multiple sclerosis.

S1 P receptor modulators are typically sphingosine analogues, such as 2-substituted 2-amino- propane-1,3-diol or 2-amino-propanol derivatives, e. g. a compound comprising a group of formula X

Sphingosine-1 phosphate (hereinafter "S1P") is a natural serum lipid. Presently there are eight known S1P receptors, namely S1P1 to S1P8. S1 P receptor modulators are typically sphingosine analogues, such as 2-substituted 2-amino- propane-1,3-diol or 2-amino-propanol derivatives, e. g. a compound comprising a group of formula X



wherein Z is H, C₁₋₆alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, phenyl, phenyl substituted by OH, C₁₋₆alkyl substituted by 1 to 3 substituents selected from the group consisting of halogen, C₃₋₆cycloalkyl, phenyl and phenyl substituted by OH, or CH₂-R_{4z} wherein R_{4z} is OH, acyloxy or a residue of formula (a)



wherein Z₁ is a direct bond or O, preferably O;

each of R_{5z} and R_{6z}, independently, is H, or C₁₋₄alkyl optionally substituted by 1, 2 or 3 halogen atoms;

R_{1z} is OH, acyloxy or a residue of formula (a); and each of R_{2z} and R_{3z} independently, is H, C₁₋₄alkyl or acyl.

Group of formula X is a functional group attached as a terminal group to a moiety which may be hydrophilic or lipophilic and comprise one or more aliphatic, alicyclic, aromatic and/or heterocyclic residues, to the extent that the resulting molecule wherein at least one

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