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EP2007/005597

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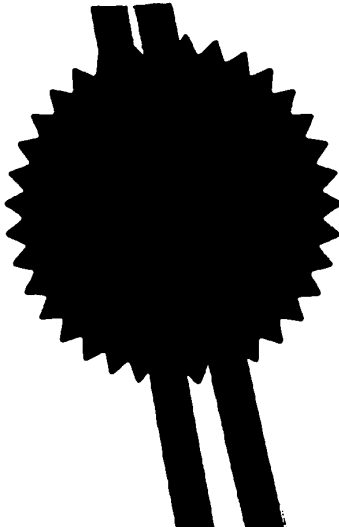
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Andrew Gersey

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1/77

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The Patent Office

Cardiff Road
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South Wales
NP10 8QQ

Application number GB

1. Your reference: 50279P1 **0612721.1**
(optional)

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

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

Patents ADP number (if you know it):

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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? YES NO

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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:

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

1

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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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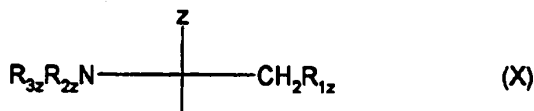
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Organic Compounds

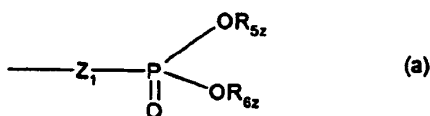
The present invention relates to the use of an S1P receptor modulator in the treatment or prevention of neo-angiogenesis associated with a demyelinating disease, e.g. multiple sclerosis.

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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