

Title (en)  
BETA-SECRETASE MODULATORS AND METHODS OF USE

Title (de)  
BETA-SEKRETASE-MODULATOREN UND ANWENDUNGSVERFAHREN

Title (fr)  
MODULATEURS DE BETA-SECRETASE ET PROCEDES D'UTILISATION ASSOCIES

Publication  
**EP 1971598 A1 20080924 (EN)**

Application  
**EP 06837478 A 20061113**

Priority

- US 2006044058 W 20061113
- US 73910805 P 20051121
- US 85482406 P 20061027

Abstract (en)  
[origin: WO2007061670A1] The present invention comprises a new class of compounds useful for the modulation of Beta-secretase enzyme activity and for the treatment of Beta-secretase mediated diseases, including Alzheimer's disease (AD) and related conditions. In one embodiment, the compounds have a general Formula (I); wherein A, B, W, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, i and j are defined herein. The invention also comprises pharmaceutical compositions including one or more compounds of Formula (I), methods of use for these compounds, including treatment of AD and related diseases, by administering the compound(s) of Formula (I), or compositions including them, to a subject. The invention also comprises further embodiments of Formulas (II) and (III), intermediates and processes useful for the preparation of compounds of the invention.

IPC 8 full level  
**C07D 405/12** (2006.01); **A61K 31/44** (2006.01); **A61P 25/28** (2006.01); **C07D 413/12** (2006.01)

CPC (source: EP)  
**A61P 25/16** (2017.12); **A61P 25/28** (2017.12); **A61P 43/00** (2017.12); **C07D 311/68** (2013.01); **C07D 405/12** (2013.01); **C07D 413/12** (2013.01); **C07D 491/052** (2013.01)

Citation (search report)  
See references of WO 2007061670A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007061670 A1 20070531**; AR 057985 A1 20080109; AU 2006316620 A1 20070531; AU 2006316620 B2 20110303; CA 2629402 A1 20070531; CA 2629402 C 20110726; EP 1971598 A1 20080924; JP 2009516684 A 20090423; JP 5274258 B2 20130828; PE 20070645 A1 20070824; TW 200800966 A 20080101

DOCDB simple family (application)  
**US 2006044058 W 20061113**; AR P060105083 A 20061121; AU 2006316620 A 20061113; CA 2629402 A 20061113; EP 06837478 A 20061113; JP 2008541258 A 20061113; PE 2006001476 A 20061120; TW 95143035 A 20061121