

Title (en)  
2,4-DIAMINO-PYRIDOPYRIMIDINE DERIVATIVES AND THEIR USE AS MTOR INHIBITORS

Title (de)  
2,4-DIAMINO-PYRIDOPYRIMIDIN-DERIVATE UND IHRE VERWENDUNG ALS MTOR-HEMMER

Title (fr)  
DERIVES DE 2 , 4-DIAMINO-PYRIDOPYRIMIDINE ET LEUR UTILISATION COMME INHIBITEURS MTOR

Publication  
**EP 1871377 A1 20080102 (EN)**

Application  
**EP 06709898 A 20060224**

Priority  

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Abstract (en)  
[origin: WO2006090169A1] Compounds of formula (I) and isomers, salts, solvates, chemically protected forms, and prodrugs thereof one of X<SUP>1</SUP>, X<SUP>2</SUP> and X<SUP>3</SUP> is N, and the others are CH; R<SUP>N1</SUP> and R<SUP>N2</SUP> together with the nitrogen atom to which they are attached form a nitrogen-containing heterocyclic ring having from 4 to 8 ring atoms; R<SUP>N3</SUP> and R<SUP>N4</SUP> together with the nitrogen atom to which they are attached form a nitrogen-containing heterocyclic ring having from 4 to 8 ring atoms and their use in treating diseases ameliorated by the inhibition of mTOR.

IPC 8 full level  
**A61K 31/519** (2006.01); **C07D 471/04** (2006.01)

CPC (source: EP KR)  
**A61K 31/519** (2013.01 - KR); **A61P 1/00** (2017.12 - EP); **A61P 1/16** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 17/06** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 19/08** (2017.12 - EP); **A61P 27/02** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/10** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 37/04** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 471/04** (2013.01 - EP KR)

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