

Title (en)
5-OXYGENATED-2,4,6-TRIAMINOPYRIMIDINES.

Title (de)
NEUE 5-OXI-2,4,6-TRIAMINOPYRIMIDINE.

Title (fr)
2,4,6-TRIAMINOPYRIMIDINES OXYGENEES EN POSITION 5.

Publication
EP 0513177 A1 19921119 (EN)

Application
EP 91904133 A 19910108

Priority
US 47122890 A 19900126

Abstract (en)
[origin: WO9111453A2] The present invention discloses 5-oxygenated amino substituted pyrimidines (X), where R1 is (1) steroid substituent of formula (Steroid), (2) trolox substituent of formula (trolox), (3) an alkyl substituent selected from the group consisting of (A)Q2-(CH₂)n2. Also disclosed are the oxygenated N,N-disubstituted pyrimidines (XIII) all of which are useful for treating a number of conditions including head injury, stroke, spinal cord injury, etc. Useful intermediates including the protected 5-oxygenated pyrimidines (VII) and the 5-oxygenated pyrimidines (VIII) are also disclosed. Further disclosed are 5-hydroxy amino substituted pyrimidines (XI).

Abstract (fr)
Pyrimidines de la formule (X) à substitution amino oxygénées en position 5, dans laquelle R1 représente (1) un substituant de stéroïde de la formule (Stéroïde), (2) un substituant de trolox de la formule (trolox), (3) un substituant d'alkyle choisi dans le groupe composé de (A)Q2-CH₂n2. L'invention concerne également des pyrimidines (XIII) N,N-disubstituées oxygénées, toutes utiles dans le traitement d'un certain nombre d'états pathologiques parmi lesquels le traumatisme crânien, des lésions de la moelle épinière etc.. De plus, l'invention concerne des intermédiaires utiles parmi lesquelles les pyrimidines (VII) oxygénées en position 5 et les pyrimidines (VIII) oxygénées en position 5. En outre, l'invention concerne des pyrimidines (XI) à substitution 5-hydroxy amino.

IPC 1-7
C07D 239/50; C07D 403/14; C07D 405/14; C07J 43/00

IPC 8 full level
A61K 31/505 (2006.01); **A61K 31/57** (2006.01); **A61P 3/06** (2006.01); **A61P 43/00** (2006.01); **C07D 239/50** (2006.01); **C07D 403/12** (2006.01); **C07D 405/12** (2006.01); **C07J 43/00** (2006.01)

CPC (source: EP)
A61P 3/06 (2017.12); **A61P 43/00** (2017.12); **C07D 239/50** (2013.01); **C07D 405/12** (2013.01); **C07J 43/003** (2013.01)

Citation (search report)
See references of WO 9111453A2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9111453 A2 19910808; WO 9111453 A3 19911114; AU 642711 B2 19931028; AU 7243891 A 19910821; CA 2071000 A1 19910727; EP 0513177 A1 19921119; JP H05503705 A 19930617; KR 927003579 A 19921218; NZ 236801 A 19921125

DOCDB simple family (application)
US 9100017 W 19910108; AU 7243891 A 19910108; CA 2071000 A 19910108; EP 91904133 A 19910108; JP 50435191 A 19910108; KR 920701769 A 19920725; NZ 23680191 A 19910117