

Title (en)
SUBSTITUTED THIAZOLES AND THEIR USE FOR PRODUCING DRUGS

Title (de)
SUBSTITUIERTE THIAZOLE UND IHRE VERWENDUNG ZUR HERSTELLUNG VON ARZNEIMITTELN

Title (fr)
THIAZOLES SUBSTITUES ET LEUR UTILISATION POUR PRODUIRE DES MEDICAMENTS

Publication
EP 1968958 A1 20080917 (DE)

Application
EP 06829856 A 20061222

Priority
• EP 2006012483 W 20061222
• DE 102005062990 A 20051228

Abstract (en)
[origin: DE102005062990A1] N-thiazolylalkyl-substituted propiolamide derivatives (I) are new. N-thiazolylalkyl-substituted propiolamide derivatives of formula (I) and their pure stereoisomers, particularly enantiomers or diastereomers, including racemates and mixtures in any proportion, and their salts and solvates, are new. R 1>and R 2>e.g. alkyl, alkenyl, alkynyl, cycloalkyl, aryl (all optionally substituted), H, F, Cl, Br, I, NO 2, CN or carboxy; R 3>and R 10>e.g. alkyl, alkenyl, alkynyl, cycloalkyl, aryl (all optionally substituted), H or carbamoyl; R 4>-R 9>e.g. alkyl, alkenyl, alkynyl, cycloalkyl, aryl (all optionally substituted), H, F, Cl, Br, I, NO 2, CN or carboxy; and R 11>(hetero)aryl (optionally substituted). The full definitions are given in the DEFINITIONS (Full Definitions) field. An independent claim is included for the preparation of (I). [Image] [Image] ACTIVITY : Analgesic; Antimigraine; Antidepressant; Nootropic; Neuroprotective; Antiparkinsonian; Anticonvulsant; Tranquilizer; Antitussive; Urothitic; Antidiarrheal; Antipruritic; Antiasthma; Cerebroprotective; Ophthalmological; Antialcoholic; Antismoking. MECHANISM OF ACTION : mGluR5 receptor regulator; mGluR5 receptor inhibitor. N-(3-((thiazol-2-yl)amino)propyl)-3-phenylpropiolamide (Ia) has IC 50against porcine mGluR5 receptor of 0.99 mu M.

IPC 8 full level
C07D 277/42 (2006.01); **A61K 31/426** (2006.01); **A61K 31/427** (2006.01); **A61K 31/428** (2006.01); **A61P 25/00** (2006.01); **C07D 417/04** (2006.01); **C07D 417/12** (2006.01); **C07D 487/04** (2006.01)

CPC (source: EP US)
A61P 1/04 (2017.12 - EP); **A61P 1/08** (2017.12 - EP); **A61P 1/12** (2017.12 - EP); **A61P 1/14** (2017.12 - EP); **A61P 3/04** (2017.12 - EP); **A61P 7/12** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 11/04** (2017.12 - EP); **A61P 11/06** (2017.12 - EP); **A61P 13/02** (2017.12 - EP); **A61P 15/10** (2017.12 - EP); **A61P 17/04** (2017.12 - EP); **A61P 21/00** (2017.12 - EP); **A61P 21/04** (2017.12 - EP); **A61P 23/02** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/06** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **A61P 25/10** (2017.12 - EP); **A61P 25/12** (2017.12 - EP); **A61P 25/14** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/18** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 25/26** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 25/32** (2017.12 - EP); **A61P 25/34** (2017.12 - EP); **A61P 25/36** (2017.12 - EP); **A61P 27/00** (2017.12 - EP); **A61P 27/02** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **C07D 277/42** (2013.01 - EP US); **C07D 417/04** (2013.01 - EP US); **C07D 417/12** (2013.01 - EP US); **C07D 487/04** (2013.01 - EP US)

Citation (search report)
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