

Title (en)  
PHOSPHATE SALTS OF 6-DIMETHYLAMINOMETHYL-L-(3-METHOXYPHENYL) -1,3-DIHYDROXYCYCLOHEXANE COMPOUNDS

Title (de)  
PHOSPHATSALZE DER 6-DIMETHYLAMINOMETHYL-L- (3-METHOXYPHENYL) -1,3-DIHYDROXY- CYCLOHEXANVERBINDUNGEN

Title (fr)  
SELS DE PHOSPHATE DES COMPOSES 6-DIMETHYLAMINOMETHYL-L-(3-METHOXYPHENYLE)-1,3-DIHYDROXY-CYCLOHEXANE

Publication  
**EP 1851191 A1 20071107 (DE)**

Application  
**EP 06707123 A 20060221**

Priority  
• EP 2006001547 W 20060221  
• DE 102005009217 A 20050225

Abstract (en)  
[origin: DE102005009217A1] Phosphoric acid salt of 6-dimethylaminomethyl-1-(3-methoxyphenyl)-1,3-dihydroxycyclohexane compound (I) (where the phosphoric acid is preferably diphosphoric acid and/or orthophosphoric acid), is new. Phosphoric acid salts of 6-dimethylaminomethyl-1-(3-methoxyphenyl)-1,3-dihydroxycyclohexane compound of formula (I) (where the phosphoric acid is preferably diphosphoric acid and/or orthophosphoric acid), are new. R 2>, R 3> = OH or H. Independent claims are also included for: (1) preparation of (I); (2) polymorph A of (I) in the orthophosphate salt form having X-ray powder diffraction (XRPD) as given in the specification and measured with copper potassium (CuK) alpha radiation or by a Raman spectrum with excitation wavelength of 1064 nm as given in the specification; (3) polymorph B of (I) in the orthophosphate salt form having XRPD as given in the specification and measured with CuK-alpha radiation or by a Raman spectrum with excitation wavelength of 1064 nm; (4) polymorph C of (I) in the orthophosphate salt form having XRPD as given in the specification of table 3 and measured with CuK-alpha radiation or by a RAMAN spectrum with excitation wavelength of 1064 nm as given in the specification; (5) polymorph amorphous (I) in the orthophosphate salt form having XRPD as given in the specification and measured with CuK-alpha radiation, and (6) preparation of one or more polymorphs. [Image] ACTIVITY : Analgesic; Antimigraine; Antidepressant; Neuroprotective; Nootropic; Antiparkinsonian; Anticonvulsant; Tranquilizer; Antitussive; Uropathic; Antidiarrheic; Antipruritic; Neuroleptic; Cerebroprotective; Vasotropic; Immunomodulator; Anabolic; Eating-Disorders-Gen.; Antialcoholic; Antiaddictive; Gastrointestinal-Gen. No biological data is given. MECHANISM OF ACTION : None given.

IPC 8 full level  
**C07C 217/54** (2006.01); **A61K 31/135** (2006.01)

CPC (source: EP KR)  
**A61K 31/135** (2013.01 - KR); **A61P 1/12** (2017.12 - EP); **A61P 1/14** (2017.12 - EP); **A61P 3/04** (2017.12 - EP); **A61P 7/10** (2017.12 - EP); **A61P 7/12** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 11/14** (2017.12 - EP); **A61P 17/04** (2017.12 - EP); **A61P 21/02** (2017.12 - EP); **A61P 23/02** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/06** (2017.12 - EP); **A61P 25/08** (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 25/30** (2017.12 - EP); **A61P 25/32** (2017.12 - EP); **A61P 25/34** (2017.12 - EP); **A61P 25/36** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **C07C 217/54** (2013.01 - KR); **C07C 217/56** (2013.01 - KR); **C07C 217/74** (2013.01 - EP KR); **C07C 2601/14** (2017.04 - EP)

Citation (search report)  
See references of WO 2006089707A1

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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

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HR

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**DE 102005009217 A 20050225**; AR P060100684 A 20060224; AU 2006218132 A 20060221; BR PI0606146 A 20060221; CA 2598845 A 20060221; CN 200680005964 A 20060221; EP 06707123 A 20060221; EP 2006001547 W 20060221; IL 18546807 A 20070823; JP 2007556542 A 20060221; KR 20077021974 A 20070921; MX 2007010361 A 20060221; NO 20074673 A 20070913; NZ 55633806 A 20060221; PE 2006000228 A 20060227; RU 2007135271 A 20060221; TW 95104476 A 20060210; ZA 200708153 A 20070921