

Title (en)

ARYLALKYLOXYALKYLAMINES AND ARYLALKYLTHIOALKYLAMINES, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE AS INHIBITORS OF NICOTINIC CHOLINERGIC RECEPTORS

Title (de)

ARYLALKYLOXYALKYLAMINE UND ARYLALKYLTHIOALKYLAMINE, DIESE ENTHALTENDE PHARMAZEUTISCHE ZUBEREITUNGEN UND IHRE VERWENDUNG ALS INHIBITOREN VON NIKOTIN CHOLINERGEN REZEPTOREN

Title (fr)

ARYLALKYLOXYALKYLAMINES ET ARYLALKYLTHIOALKYLAMINES, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET LEUR UTILISATION EN TANT QU'INHIBITEURS DES RECEPTEURS CHOLINERGIQUES NICOTINIQUES

Publication

EP 1212301 A1 20020612 (EN)

Application

EP 00945006 A 20000630

Priority

- US 0017978 W 20000630
- US 38714999 A 19990831

Abstract (en)

[origin: WO0116107A1] Patients susceptible to or suffering from conditions and disorders, such as central nervous system disorders, are treated by administering to a patient in need arylalkyloxyalkylamine and arylalkylthioalkylamine compounds, including arylmethoxyalkylamines and arylmethylthioalkylamines, such as pyridylmethoxyalkylamines and pyridylmethylthio alkylamines. Exemplary compounds include methyl(3-(3-pyridylmethoxy)propyl)amine, 3-pyridyl(pyrrolidin-2-ylmethoxy)methane, methyl(1-methyl-2-(3-pyridylmethoxy)ethyl)amine, (3-((3-pyridyl)methoxy)propyl)dimethylamine, (2-((5-bromo-3-pyridyl)methoxy)ethyl)methylamine, methyl(2-((5-methoxy-3-pyridyl)methoxy)ethyl)amine, (2-((3-quinolyl)methoxy)ethyl)methylamine, methyl(2-(pyrimidin-5-ylmethoxy)ethyl)amine, 3-((3-pyridyl)methoxy)quinuclidine, (3-pyridyl)quinuclidin-2-ylmethoxy)methane, (3-pyridyl)(pyrrolidin-2-ylmethylthio)methane and (2-((3-pyridyl)methylthio)ethyl)methylamine.

IPC 1-7

C07D 213/30; A61P 25/00; A61K 31/4406; C07D 213/61; C07D 213/65; C07D 215/20; C07D 239/26; C07D 453/02; C07D 213/32

IPC 8 full level

A61P 25/00 (2006.01); **C07D 213/30** (2006.01); **C07D 213/32** (2006.01); **C07D 213/61** (2006.01); **C07D 213/65** (2006.01); **C07D 215/20** (2006.01); **C07D 239/26** (2006.01); **C07D 453/02** (2006.01)

CPC (source: EP)

A61P 25/00 (2017.12); **C07D 213/30** (2013.01); **C07D 213/32** (2013.01); **C07D 213/61** (2013.01); **C07D 213/65** (2013.01); **C07D 215/20** (2013.01); **C07D 239/26** (2013.01); **C07D 453/02** (2013.01)

Citation (search report)

See references of WO 0116107A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0116107 A1 20010308; AU 5900700 A 20010326; CA 2383307 A1 20010308; EP 1212301 A1 20020612

DOCDB simple family (application)

US 0017978 W 20000630; AU 5900700 A 20000630; CA 2383307 A 20000630; EP 00945006 A 20000630