

Title (en)
USE OF 10-[(3R)-1-AZABICYCLO[2.2.2]OCT-3-YLMETHYL]-10H-PHENOTHIAZINE FOR THE PREPARATION OF A DRUG HAVING A SELECTIVE INHIBITION OF MUSCARINIC M1, M2 AND M3 RECEPTORS

Title (de)
VERWENDUNG VON 10-[(3R)-1-AZABICYCLO[2.2.2]OCT-3-YLMETHYL]-10H-PHENOTHIAZIN FÜR DIE ZUBEREITUNG EINES WIRKSTOFFES MIT SELEKTIVER HEMMUNG DER MUSKARIN-REZEPTOREN M1, M2 UND M3

Title (fr)
UTILISATION DE LA 10-[(3R)-1-AZABICYCLO[2.2.2]OCT-3-YLMÉTHYL]-10H-PHÉNOTHIAZINE POUR LA PRÉPARATION D'UN MÉDICAMENT EXERÇANT UNE INHIBITION SÉLECTIVE DES RÉCEPTEURS MUSCARINIQUES M1, M2 ET M3

Publication
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Application
EP 07858150 A 20071226

Priority
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• FR 0656002 A 20061228

Abstract (en)
[origin: FR2910814A1] Use of 10-[(3R)-1-azabicyclo[2.2.2]oct-3-ylmethyl]-10H-phenothiazine (I) and its salts for the manufacture of a medicament to prevent or treat disorders, diseases and/or pathologies by selectively inhibiting of muscarinic M1 receptor, muscarinic M2 receptor and muscarinic M3 receptor, is claimed. ACTIVITY : Urothatic; Antibacterial; Fungicide. MECHANISM OF ACTION : Muscarinic M1 receptor inhibitor; Muscarinic M2 receptor inhibitor; Muscarinic M3 receptor inhibitor. The effect of (I) to inhibit the muscarinic M1 receptor was tested in Chinese hamster ovary cells using in vitro assay. The results showed that (I) exhibited an IC₅₀ value of 1.6 nM.

IPC 8 full level
A61K 31/5415 (2006.01); **A61P 13/00** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
See references of WO 2008080924A1

Citation (examination)
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• THÜROFF JW, BUNKE B, EBNER A, FABER P, DE GEETER P, HANNAPPEL J, HEIDLER H, MADERSBACHER H, MELCHIOR H, SCHÄFER W, ET AL.: "Randomized, double-blind, multicenter trial on treatment of frequency, urgency and incontinence related to detrusor hyperactivity: oxybutynin versus propantheline versus placebo.", J. UROL, vol. 145, no. 4, April 1991 (1991-04-01), pages 813 - 816

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