

Title (en)
PTERIDINE DERIVATIVES, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF

Title (de)
PTERIDINDERIVATE, VERFAHREN ZU DEREN HERSTELLUNG UND IHRE VERWENDUNG

Title (fr)
DERIVES DE PTERIDINE, PROCEDE DE PRODUCTION DE CES DERIVES ET LEUR UTILISATION

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Application
EP 03706378 A 20030123

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Abstract (en)
[origin: WO03062240A1] The invention relates to compounds of general formula (I), in which R₁ represents a piperazino, p-phenylendiamine, 2,5-diazabicyclo-2.2.1-heptane, 2,5-diazabicyclo-2.2.2-octane, or 3,8-diazabicyclo-3.2.1-octane residue, each of which can be substituted with at least one substituent, R₂, R₄, which are identical, represent a pyrrolidino, thiazolidine, oxazolidine, or imidazolidine residue, each of which can be substituted with at least one substituent, R₃ represents an alkyl, alkoxy, alkylmercapto, or alkylamino residue, each of which can be substituted with at least one substituent, and the acid addition salts thereof. Said pteridine derivatives are suitable as phosphodiesterase inhibitors and therefore for the prophylaxis and/or therapy of thrombo-embolic, neuro-degenerating diseases, inflammatory diseases, asthmatic diseases, and hemato-oncological diseases.
[origin: WO03062240A1] The invention relates to compounds of general formula (I), in which R₁ represents a piperazino, p-phenylendiamine, 2,5-diazabicyclo-2.2.1-heptane, 2,5-diazabicyclo-2.2.2-octane, or 3,8-diazabicyclo-3.2.1-octane residue, each of which can be substituted with at least one substituent, R₂, R₄, which are identical, represent a pyrrolidino, thiazolidine, oxazolidine, or imidazolidine residue, each of which can be substituted with at least one substituent, R₃ represents an alkyl, alkoxy, alkylmercapto, or alkylamino residue, each of which can be substituted with at least one substituent, and the acid addition salts thereof. Said pteridine derivatives are suitable as phosphodiesterase inhibitors and therefore for the prophylaxis and/or therapy of thrombo-embolic, neuro-degenerating diseases, inflammatory diseases, asthmatic diseases, and hemato-oncological diseases.

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CPC (source: EP US)
A61K 31/519 (2013.01 - EP US); **A61P 7/02** (2017.12 - EP); **A61P 11/06** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 475/08** (2013.01 - EP US)

Citation (search report)
See references of WO 03062240A1

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