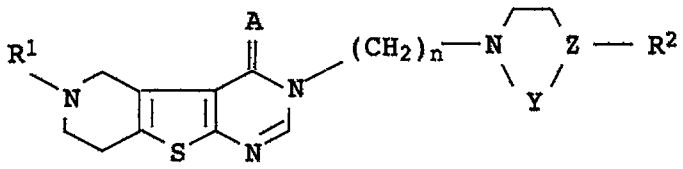
3-Substituted pyrido[3',4':4,5]thieno[2,3-d]pyrimidine derivatives, their preparation and use

Abstract

3-Substituted 3,4,5,6,7,8-hexahydropyrido [3',4':4,5]-thieno-[2,3-d]pyrimidine derivatives of the formula I



I,

where

R^1 is a hydrogen atom, a C_1-C_4-alkyl group, an acetyl group, a phenylalkyl C_1-C_4 radical, the aromatic system being unsubstituted or substituted by halogen, C_1-C_4-alkyl, trifluoromethyl, hydroxyl, C_1-C_4-alkoxy, amino, cyano or nitro groups, or is a phenylalkanone radical, it being possible for the phenyl group to be substituted by halogen,

R^2 is a phenyl, pyridyl, pyrimidinyl or pyrazinyl group which is unsubstituted or mono- or disubstituted by halogen atoms, C_1-C_4-alkyl, trifluoromethyl, trifluoromethoxy, hydroxyl, C_1-C_4-alkoxy, amino, monomethylamino, dimethylamino, cyano or nitro groups and which may be fused to a benzene nucleus which can be unsubstituted or mono- or disubstituted by halogen atoms, C_1-C_4-alkyl, hydroxyl, trifluoromethyl, C_1-C_4-alkoxy, amino, cyano or nitro groups and may contain 1 nitrogen atom, or to a 5- or 6-membered ring which may contain 1-2 oxygen atoms,

A is NH or an oxygen atom,

Y is CH_2, CH_2-CH_2, CH_2-CH_2-CH_2 or CH_2-CH,

Z is a nitrogen atom, carbon atom or CH, it also being possible for the linkage between Y and Z to be a double bond,

and n is 2, 3 or 4, and the physiologically tolerated salts thereof.