

Title (en)
ANTHRANILIC ACID ANALOGS

Title (de)
ANTHRANILSÄUREANALOGA

Title (fr)
ANALOGUES D'ACIDE ANTHRANILIQUE

Publication
EP 1003713 A1 20000531 (EN)

Application
EP 98938221 A 19980803

Priority
• US 9815981 W 19980803
• US 90593097 A 19970805

Abstract (en)
[origin: WO9907670A1] Compounds of formula (I) wherein: R1, R2 and R3 are, independently, hydrogen, nitro, cyano, C1-10 haloalkoxy, amino, C1-10 alkylamino, sulfo, sulfamoyl, C1-10 alkylsulfonamido, C2-10 alkylcarboxamido C2-10 alkanoyl, C1-10 alkylsulfonyl, C1-10 haloalkylsulfonyl, C1-10 carboxyl, C1-10 haloalkyl and C6-12 aryl; with the provisos: (1) that R1, R2 and R3 may not all simultaneously be hydrogen, and (2) when R1 and R2 are hydrogen, R3 may not be meta-CF3; R4, R5 and R6 are, independently, hydrogen, halogen, nitro, cyano, C1-10 carboalkoxy, C1-10 haloalkoxy, amino C1-10 alkylamino, sulfo, sulfamoyl, C1-10 alkylsulfonamido, C2-10 alkylcarboxamido C2-10 alkanoyl, C1-10 alkylsulfonyl, C1-10 haloalkylsulfonyl, C1-10 carboxyl, C1-10 haloalkyl, C1-10 alkyl and C6-12 aryl; R7 is hydrogen, metal cation, acetylamido, alkoxyacetyl or a related moiety which delivers the carboxylate in vivo; and X, Y and Z may form a C3-13 carbocyclic ring, oxazole, isoxazole, thiazole, isothiazole, furan, thiophene, 2H-pyrrole, pyrrole, 2-pyrroline, 3-pyrroline, imidazole, pyrazole, 1,2,3-oxadiazole or 1,2,3-triazole bound to the carbon skeleton; or pharmaceutically acceptable salts thereof useful in the treatment of disorders associated with smooth muscle contraction via potassium channel and chloride channel modulation.

IPC 1-7
C07C 233/63; **C07D 263/34**; **C07D 261/18**; **A61K 31/16**; **A61K 31/42**

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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US 9815981 W 19980803; AU 8679598 A 19980803; BR 9811828 A 19980803; CA 2297409 A 19980803; CN 98807943 A 19980803; EP 98938221 A 19980803; JP 2000507206 A 19980803