

Title (en)

MONO-ACYLOXY ARALKYL NEUROMUSCULAR RELAXANTS

Title (de)

MONOACYLOXY-ARALKYLVERBINDUNGEN MIT MUSKELRELAXIERENDER WIRKUNG

Title (fr)

RELAXANTS NEUROMUSCULAIRES MONO-ACYLOXY ARALKYLES

Publication

EP 1150673 A1 20011107 (EN)

Application

EP 00904621 A 20000131

Priority

- US 0002228 W 20000131
- US 11839299 P 19990201

Abstract (en)

[origin: WO0044377A1] Mono-acyloxy substituted aralkyl and aralkenyl bis-quaternary ammonium derivatives of cyclic alkanol diesters according to general Formula (a) or (b), where R1 and R1' are mono-acyloxy substituted aralkyl or aralkenyl; R2 and R2' are alkyl or alkenyl; A is normal or substituted alkanedicarbonyl, alkenedicarbonyl, alkynedicarbonyl, cycloalkanedicarbonyl, cycloalkenedicarbonyl, bicycloalkanedicarbonyl, bicycloalkenedicarbonyl, polycycloalkanedicarbonyl, polycycloalkenedicarbonyl or aromatic dicarbonyl; n is 0, 1, or 2; m is 0, 1, or 2; p is 0, 1, or 2; R3 and R3' are H, CH3, or lower alkyl; R4 and R4' are H, CH3, or lower alkyl; R3 and R4 together can also be -CH=CH-, -(CH2)h-Y-(CH2)k-, or (1), where Y is CH2, O or S, h is 0, 1, 2 or 3, k is 0, 1, 2 or 3; and R3' and R4' together can also be -CH=CH-, -(CH2)h-Y-(CH2)k-, or (1), where Y is CH2, O or S, h is 0, 1, 2 or 3, k is 0, 1, 2 or 3; wherein R1 and R1', R2 and R2', R3 and R3', and R4 and R4' can be the same or different; and X is a pharmaceutically acceptable anion; have advantageous neuromuscular relaxant properties.

IPC 1-7

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