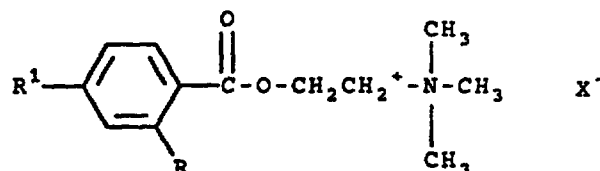


ASSAY FOR SERUM CHOLINESTERASE

Abstract

Cholinesterase activity is determined by means of the choline obtained by the action of
5 cholinesterase on a compound of the formula:



(I)

wherein R and R¹ can be the same or different, and can be alkyl, such as methyl, ethyl, propyl, butyl, isopropyl, and so forth; alkoxy, such as methoxy, ethoxy, propoxy, butoxy, and so forth; amino (-NR²R³), wherein R² and R³ can be the same or different, and can be hydrogen, methyl, ethyl, or propyl, wherein X⁻ is an anion, such as halogen (chloro, bromo, or iodo) methyl, sulfate, nitrate and acetate;
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The method of the invention ensures a conveniently low rate of cholinesterase catalyzed hydrolysis and a high degree of accuracy.

Certain compounds of formula (I) defined
20 above are novel compounds which are claimed per se.