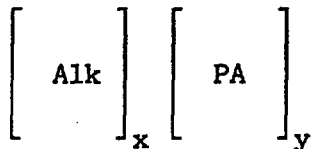


ABSTRACT

NEW ALKALOID DERIVATIVES, THEIR USE AND PHARMACEUTICAL FORMULATIONS CONTAINING THEM

Salts of a pharmacologically active, naturally occurring or synthetic alkaloids, or alkaloid derivatives and a phosphatidic acid are provided, which preferably have the formula



wherein

Alk represents a cation derived from said
pharmacologically active, naturally occurring or
synthetic alkaloid, or alkaloid derivative,
PA represents a phosphatidic acid or a mixture of
different phosphatidic acids, and
x:y is from 2:1 to 1:2.

The therapeutic use of the salts of the invention in the treatment of syndromes affecting the elderly, particularly conditions that are related to changes in cerebral metabolism and reduced blood flow are described, as well as cosmetic methods.

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