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(54) Title: 10-DEACETYL-14BETA-HYDROXYBACCATINE III DERIVATIVES, A PROCESS FOR THE PREPARATION THEREOF AND FORMULATIONS CONTAINING THEM

(57) Abstract

The present invention relates to novel 10-deacetyl-14β-hydroxybaccatine III derivatives. The novel derivatives, having cytotoxic and antitumour activity, are prepared from this synton after functionalization of the hydroxyls at 1-, 14- as thiocarbonate, iminocarbonate and sulfite and possible oxidation of the hydroxyl at C_{10}. These derivatives are subjected to a subsequent esterification at position 13- with a variously substituted isoserine chain. The products of the invention can be administered by the injective or oral route, when suitably formulated.

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