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(54) Title: NON-HOMOGENEOUS SYSTEMS FOR THE RESOLUTION OF ENANTIOMERIC MIXTURES

(57) Abstract

The present invention relates to a process for the biocatalyst-mediated enantioselective conversion of enantiomeric mixtures of hydrophobic esters using a biphasic solvent system. More particularly, the present invention relates to the enzyme-mediated enantioselective synthesis of anti-viral compounds, such as 2-hydroxymethyl-5-(5-fluorocytosin-1-yl)-1,3-oxathiolane (FTC) and its analogues, in a non-homogeneous reaction system.



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