ABSTRACT

REGIOSPECIFIC SYNTHESIS OF RAPAMYCIN 42-ESTER DERIVATIVES

A method for the regiospecific synthesis of rapamycin 42-ester derivatives is described. The method involves lipase-catalyzed acylation of 42 hydroxy rapamycin with an acyl donor such as a vinyl ester, an isopropenyl ester or an anhydride in a suitable organic solvent.

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