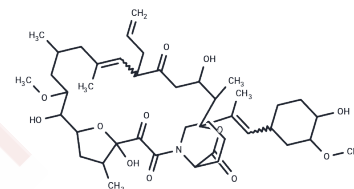


L 683519

Chemical Properties

CAS No. : 132172-14-6
 Formula: C₄₃H₆₇N₂O₁₂
 Molecular Weight: 789.99
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	L 683519 is one of the Tacrolimus impurities with immunosuppressant and could restrain the activity of FK-506 binding protein.
Targets(IC50)	Others,FKBP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2658 mL	6.3292 mL	12.6584 mL
5 mM	0.2532 mL	1.2658 mL	2.5317 mL
10 mM	0.1266 mL	0.6329 mL	1.2658 mL
50 mM	0.0253 mL	0.1266 mL	0.2532 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Chen TS, Arison BH, Wicker LS, Inamine ES. Microbial transformation of immunosuppressive compounds. II. Specific desmethylation of 13-methoxy group of FK 506 and FR 900520 by an unidentified Actinomycete ATCC 53828 [corrected]. J Antibiot (Tokyo). 1992 Apr;45(4):577-80. Erratum in: J Antibiot (Tokyo) 1992 Jun;45(6):C-2. PubMed PMID: 1375593.

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