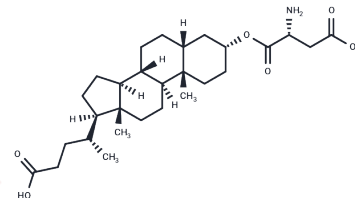


α -2,3-sialyltransferase-IN-1

Chemical Properties

CAS No. : 881179-06-2
 Formula: C₂₈H₄₅NO₆
 Molecular Weight: 491.66
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	α -2,3-sialyltransferase-IN-1 is a noncompetitive inhibitor of α -2,3-sialyltransferase (IC ₅₀ of 6 μ M).
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 103.7 mg/mL (210.92 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0339 mL	10.1696 mL	20.3393 mL
5 mM	0.4068 mL	2.0339 mL	4.0679 mL
10 mM	0.2034 mL	1.017 mL	2.0339 mL
50 mM	0.0407 mL	0.2034 mL	0.4068 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.

Reference

Chang KH, et al. Lithocholic acid analogues, new and potent α -2,3-sialyltransferase inhibitors. Chem Commun (Camb). 2006 Feb 14;(6):629-31.

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