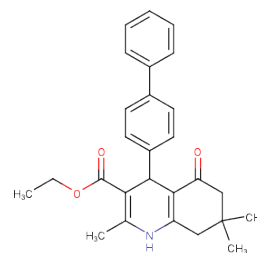


Data Sheet (Cat.No.T2273)

ITD-1

Chemical Properties

CAS No. : 1099644-42-4
Formula: C₂₇H₂₉NO₃
Molecular Weight: 415.52
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ITD-1 is a potent and highly selective TGFβ pathway inhibitor.
Targets(IC50)	TGF-beta/Smad

Solubility Information

Solubility	DMSO: 8.31 mg/mL (20 mM), Ethanol: 4.16 mg/mL (10 mM)),Heating is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4066 mL	12.0331 mL	24.0662 mL
5 mM	0.4813 mL	2.4066 mL	4.8132 mL
10 mM	0.2407 mL	1.2033 mL	2.4066 mL
50 mM	0.0481 mL	0.2407 mL	0.4813 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

Willems E, et al. Cell Stem Cell. 2012 Aug 3;11(2):242-252.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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