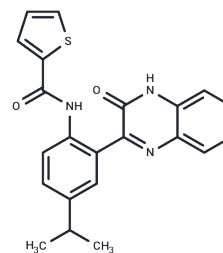


ML281

Chemical Properties

CAS No. : 1404437-62-2
Formula: C₂₂H₁₉N₃O₂S
Molecular Weight: 389.47
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ML281 is a potent and selective STK33 inhibitor with IC ₅₀ of 14 nM.
Targets(IC ₅₀)	Serine Protease

Solubility Information

Solubility	DMSO: 50 mg/mL (128.38 mM), H ₂ O: < 1 mg/mL (insoluble or slightly soluble), < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5676 mL	12.838 mL	25.6759 mL
5 mM	0.5135 mL	2.5676 mL	5.1352 mL
10 mM	0.2568 mL	1.2838 mL	2.5676 mL
50 mM	0.0514 mL	0.2568 mL	0.5135 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

Spoonamore J et al. National Center for Biotechnology Information (US); 2010-2011 Dec 16.,www.ncbi.nlm.nih.gov/pubmed/23658944

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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