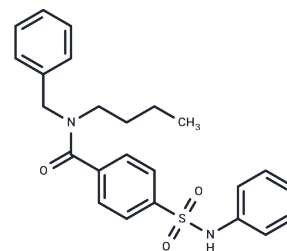


TH-257

Chemical Properties

CAS No. : 2244678-29-1
Formula: C₂₄H₂₆N₂O₃S
Molecular Weight: 422.54
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	TH-257 is a Potent and selective allosteric LIMK 1/2 inhibitor(LIMK1 and LIMK2, IC ₅₀ of 84 nM and 39 nM).
Targets(IC ₅₀)	LIM Kinase

Solubility Information

Solubility	DMSO: 250 mg/mL (591.66 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3666 mL	11.8332 mL	23.6664 mL
5 mM	0.4733 mL	2.3666 mL	4.7333 mL
10 mM	0.2367 mL	1.1833 mL	2.3666 mL
50 mM	0.0473 mL	0.2367 mL	0.4733 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

Fabrizio M . Recent advances in the rational design and development of LIM kinase inhibitors are not enough to enter clinical trials[J]. European Journal of Medicinal Chemistry, 2018:S0223523418305075-.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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