

ITK inhibitor 2

Chemical Properties

CAS No. : 1309784-09-5

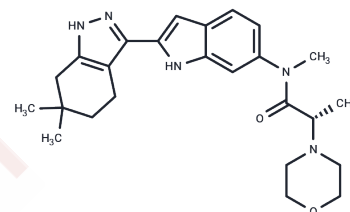
Formula: C₂₅H₃₃N₅O₂

Molecular Weight: 435.56

Store at low temperature

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	ITK inhibitor 2 (compound 4) is a potent and selective ITK inhibitor with an IC ₅₀ = 2 nM.
Targets(IC ₅₀)	Tyrosine Kinases

Solubility Information

Solubility	DMSO: 110 mg/mL (252.55 mM),Sonication 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	2.2959 mL	11.4795 mL	22.9589 mL
5 mM	0.4592 mL	2.2959 mL	4.5918 mL
10 mM	0.2296 mL	1.1479 mL	2.2959 mL
50 mM	0.0459 mL	0.2296 mL	0.4592 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

Teruhiko Inoue, et al. Indole compounds and their pharmaceutical use.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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