

I-49 free base

Chemical Properties

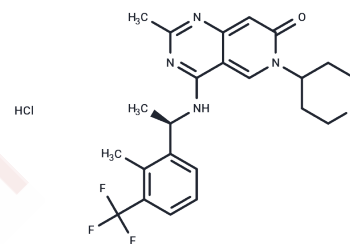
CAS No. :

Formula: C₂₃H₂₆ClF₃N₄O₂

Molecular Weight: 482.92

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	I-49 free base (Pyrido[4,3-d]pyrimidin-7(6H)-one, 2-methyl-4-[[[(1R)-1-[2-methyl-3-(trifluoromethyl)phenyl]ethyl]amino]-6-(tetrahydro-2H-pyran-4-yl)-]) is a novel benzylamino substituted pyridopyrimidinone as SOS1 inhibitor.
Targets(IC50)	Raf

Solubility Information

Solubility	DMSO: 22.5 mg/mL (46.59 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	2.0707 mL	10.3537 mL	20.7074 mL
5 mM	0.4141 mL	2.0707 mL	4.1415 mL
10 mM	0.2071 mL	1.0354 mL	2.0707 mL
50 mM	0.0414 mL	0.2071 mL	0.4141 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

RAMHARTER JUERGEN, et al. Novel benzylamino substituted pyridopyrimidinone and derivative as SOS1 inhibitor. TW 201938557 A

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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