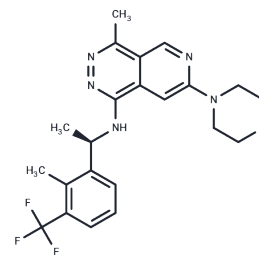


SOS1-IN-11

Chemical Properties

CAS No. : 2654741-64-5
 Formula: C₂₂H₂₄F₃N₅O
 Molecular Weight: 431.45
 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	SOS1-IN-11 is an effective inhibitor of SOS1 (IC ₅₀ = 30 nM).
Targets(IC ₅₀)	Raf,Ras

Solubility Information

Solubility	DMSO: 95 mg/mL (220.19 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	2.3178 mL	11.5888 mL	23.1777 mL
5 mM	0.4636 mL	2.3178 mL	4.6355 mL
10 mM	0.2318 mL	1.1589 mL	2.3178 mL
50 mM	0.0464 mL	0.2318 mL	0.4636 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

Matthew Arnold Marx, et al. Sos1 inhibitors. WO2021127429 A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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