

SOS1-IN-17

Chemical Properties

CAS No. :

Formula: C29H34F3N5O2

Molecular Weight: 541.61

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-17 (Compound 8d) is an orally active inhibitor targeting the SOS1-KRASG12C interaction, with an IC50 of 5.1 nM. It suppresses ERK phosphorylation in DLD-1 cells with an IC50 of 18 nM and demonstrates antiproliferative activity in KRASG12C-mutant Mia-Paca-2 cells, with an IC50 of 0.11 µM. In mouse models, SOS1-IN-17 shows antitumor efficacy against pancreatic cancer.
Targets(IC50)	Raf,Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8463 mL	9.2317 mL	18.4635 mL
5 mM	0.3693 mL	1.8463 mL	3.6927 mL
10 mM	0.1846 mL	0.9232 mL	1.8463 mL
50 mM	0.0369 mL	0.1846 mL	0.3693 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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