

SS-3091

Chemical Properties

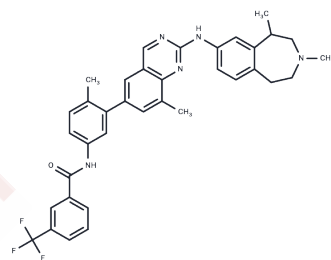
CAS No. : 2756257-56-2

Formula: C₃₆H₃₄F₃N₅O

Molecular Weight: 609.68

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	SS-3091 is a pan-KRas inhibitor that can bind to the interaction interface of KRas and disrupt the stability of the ARaf/KRas complex, and has anti-proliferative activity against various mutant KRas G12D, G12C, G12V, and G12S in cancer cells.
Targets(IC50)	Kras,Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6402 mL	8.201 mL	16.402 mL
5 mM	0.328 mL	1.6402 mL	3.2804 mL
10 mM	0.164 mL	0.8201 mL	1.6402 mL
50 mM	0.0328 mL	0.164 mL	0.328 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

Zeng J, et al. Structure-Based Discovery of Active Pan-KRas Inhibitors Targeting G12D Mutants by Enhanced Sampling Simulations. J Phys Chem B. 2025 Sep 18;129(37):9283-9292.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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