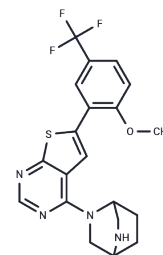


KRAS G12D inhibitor 14

Chemical Properties

CAS No. :	2765254-39-3
Formula:	C ₂₀ H ₁₉ F ₃ N ₄ O ₅
Molecular Weight:	420.45
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	KRAS G12D inhibitor 14 is a potent compound that binds the KRAS G12D protein (Kd: 33 nM) and selectively inhibits the active form KRAS G12D-GTP, but not KRAS G13D.
Targets(IC50)	Apoptosis,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3784 mL	11.892 mL	23.784 mL
5 mM	0.4757 mL	2.3784 mL	4.7568 mL
10 mM	0.2378 mL	1.1892 mL	2.3784 mL
50 mM	0.0476 mL	0.2378 mL	0.4757 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

Li L, et al. Discovery of Thieno[2,3-d]pyrimidine-based KRAS G12D inhibitors as potential anticancer agents via combinatorial virtual screening. Eur J Med Chem. 2022;233:114243.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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