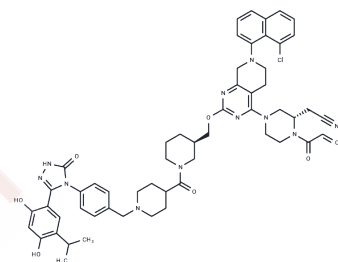


KRAS G12D inhibitor 25

Chemical Properties

CAS No. : 2768099-61-0
 Formula: C₅₆H₆₂ClN₁₁O₆
 Molecular Weight: 1020.62
 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	KRAS G12D inhibitor 25 (Compound 148) acts as an inhibitor for KRAS G12C and HSP90α, displaying IC ₅₀ values of <0.1 μM and 0.1-1 μM respectively. Additionally, it suppresses the proliferation of MIA PaCa-2 and NCI-H358 cell lines, with EC ₅₀ values of <0.1 μM and 0.1-1 μM correspondingly. This compound also promotes the degradation of ERBB2, exhibiting a DC ₅₀ of 0.1-1 μM.
Targets(IC ₅₀)	EGFR,Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9798 mL	4.899 mL	9.798 mL
5 mM	0.196 mL	0.9798 mL	1.9596 mL
10 mM	0.098 mL	0.4899 mL	0.9798 mL
50 mM	0.0196 mL	0.098 mL	0.196 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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