

KRAS G12C inhibitor 48

Chemical Properties

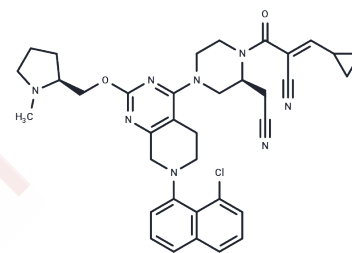
CAS No. :

Formula: C₃₆H₃₉ClN₈O₂

Molecular Weight: 651.2

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 G12C Inhibitor 48 is a potent inhibitor targeting the KRAS G12C mutation, exhibiting an IC ₅₀ value of 639.91 nM. Demonstrating antiproliferative activity, KRAS G12C Inhibitor 48 (0-50 μM) yields IC ₅₀ values of 0.796 μM, 6.33 μM, and 16.14 μM against H358, H23, and A549 cell lines, respectively.
Targets(IC ₅₀)	Others,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5356 mL	7.6781 mL	15.3563 mL
5 mM	0.3071 mL	1.5356 mL	3.0713 mL
10 mM	0.1536 mL	0.7678 mL	1.5356 mL
50 mM	0.0307 mL	0.1536 mL	0.3071 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481