

KRas G12R inhibitor 1

Chemical Properties

CAS No. :

Formula: C39H38ClF7N6O9

Molecular Weight: 903.2

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 G12R Inhibitor 1 (compound 3) is a selective covalent inhibitor targeting the KRas G12R mutation, leveraging the high nucleophilicity of mutant cysteines to bind irreversibly within the K-Ras Switch II region. This compound is utilized in cancer research [1].
Targets(IC50)	Others,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1072 mL	5.5359 mL	11.0717 mL
5 mM	0.2214 mL	1.1072 mL	2.2143 mL
10 mM	0.1107 mL	0.5536 mL	1.1072 mL
50 mM	0.0221 mL	0.1107 mL	0.2214 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