

MRTX1133 formic

Chemical Properties

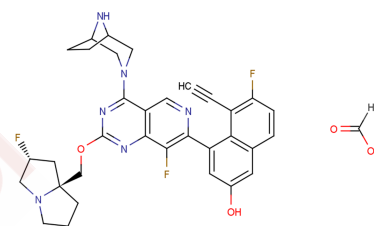
CAS No. :

Formula: C34H33F3N6O4

Molecular Weight: 646.67

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	MRTX1133 is a highly selective, first-in-class inhibitor of KRAS G12D. MRTX1133 targets the KRAS G12D protein in both active and inactive states. MRTX1133 selectively inhibits KRAS G12D mutant, but not KRAS wild-type, tumor cells[1][2].
Targets(IC50)	Others,Ras,Kras
In vitro	MRTX1133 demonstrates dose-dependent inhibition of the KRAS pathway tumor regression in G12D mutant tumor models[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5464 mL	7.7319 mL	15.4638 mL
5 mM	0.3093 mL	1.5464 mL	3.0928 mL
10 mM	0.1546 mL	0.7732 mL	1.5464 mL
50 mM	0.0309 mL	0.1546 mL	0.3093 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

Xiaolun Wang, et al.Kras g12d inhibitors.WO2021041671A1.

KRAS G12D Inhibitor: MRTX1133. [(accessed on 22 April 2021)];2021 Available online.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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