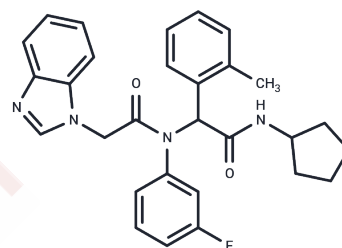


ML309

Chemical Properties

CAS No. : 1355446-05-7
 Formula: C₂₉H₂₉FN₄O₂
 Molecular Weight: 484.56
 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	ML309 is a potent inhibitor of R132H mutant IDH1 capable of reducing 2-hydroxyglutarate production in U87 MG glioblastoma cells. ML309 is capable of potent and selective inhibition of mutant IDH1 and effectively lowers cell-based production of 2-HG in a U87MG mutant glioblastoma cell line.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0637 mL	10.3186 mL	20.6373 mL
5 mM	0.4127 mL	2.0637 mL	4.1275 mL
10 mM	0.2064 mL	1.0319 mL	2.0637 mL
50 mM	0.0413 mL	0.2064 mL	0.4127 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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