

BMS-986172

Chemical Properties

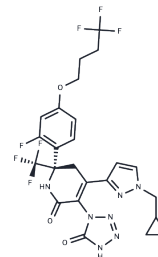
CAS No. : 1808258-99-2

Formula: C₂₄H₂₂F₇N₇O₃

Molecular Weight: 589.47

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	BMS-986172 is an orally active, highly selective inhibitor of MGAT2, with inhibitory concentrations (IC ₅₀) of 4.6 nM for human MGAT2 (hMGAT2) and 20 nM for mouse MGAT2 (mMGAT2). It exhibits an in vitro half-life (T _{1/2}) greater than 120 minutes and is known to decrease food intake and body weight. This compound is promising for research in metabolic disorders, including obesity and non-alcoholic steatohepatitis (NASH) [1].
Targets(IC ₅₀)	Acyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6964 mL	8.4822 mL	16.9644 mL
5 mM	0.3393 mL	1.6964 mL	3.3929 mL
10 mM	0.1696 mL	0.8482 mL	1.6964 mL
50 mM	0.0339 mL	0.1696 mL	0.3393 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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