

AMPD2 inhibitor 2

Chemical Properties

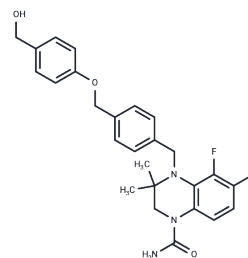
CAS No. :

Formula: C₂₆H₂₇F₂N₃O₃

Molecular Weight: 467.51

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	AMPD2 Inhibitor 2 is a potent inhibitor of AMP deaminase 2 (AMPD2), demonstrating inhibitory concentration 50 (IC ₅₀) values of 0.1 μM for human AMPD2 (hAMPD2) and 0.28 μM for mouse AMPD2 (mAMPD2). This compound is valuable for research into the physiological roles of AMPD2, especially in mice on a high-fat diet.
Targets(IC ₅₀)	Others,Adenosine Deaminase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.139 mL	10.695 mL	21.3899 mL
5 mM	0.4278 mL	2.139 mL	4.278 mL
10 mM	0.2139 mL	1.0695 mL	2.139 mL
50 mM	0.0428 mL	0.2139 mL	0.4278 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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