

AAA-10

Chemical Properties

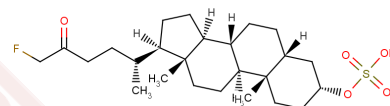
CAS No. : 2758171-70-7

Formula: C₂₅H₄₁F₀S₅

Molecular Weight: 472.65

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	AAA-10 is an orally active inhibitor of bile salt hydrolase (BSH) in <i>B. intestinalis</i> , targeting <i>B. thetaiotaomic</i> (IC ₅₀ : 10 nM) and <i>B. longum</i> (IC ₅₀ : 80 nM).
Targets(IC ₅₀)	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1157 mL	10.5787 mL	21.1573 mL
5 mM	0.4231 mL	2.1157 mL	4.2315 mL
10 mM	0.2116 mL	1.0579 mL	2.1157 mL
50 mM	0.0423 mL	0.2116 mL	0.4231 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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