

Bio-AMS TFA

Chemical Properties

CAS No. :

Formula: C₂₂H₃₀F₃N₉O₉S₂

Molecular Weight: 685.65

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	Bio-AMS (TFA) is a potent inhibitor of bacterial biotin protein ligase, demonstrating selective efficacy against Mycobacterium tuberculosis (Mtb) by inhibiting fatty acid and lipid biosynthesis [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4585 mL	7.2924 mL	14.5847 mL
5 mM	0.2917 mL	1.4585 mL	2.9169 mL
10 mM	0.1458 mL	0.7292 mL	1.4585 mL
50 mM	0.0292 mL	0.1458 mL	0.2917 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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