

Enzyme-IN-3 disodium

Chemical Properties

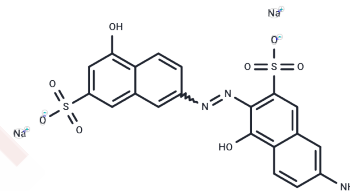
CAS No. : 122855-18-9

Formula: C₂₀H₁₃N₃Na₂O₈S₂

Molecular Weight: 533.442

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	Enzyme-IN-3 disodium (compound 7) is a selective inhibitor of Mycobacterium tuberculosis shikimate kinase with an IC ₅₀ of 1.6 μM. Additionally, Enzyme-IN-3 disodium exhibits antibacterial properties.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8746 mL	9.3731 mL	18.7463 mL
5 mM	0.3749 mL	1.8746 mL	3.7493 mL
10 mM	0.1875 mL	0.9373 mL	1.8746 mL
50 mM	0.0375 mL	0.1875 mL	0.3749 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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