

YJ182

Chemical Properties

CAS No. :

Formula: C₂₁H₁₅N₃O₄S

Molecular Weight: 405.43

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	YJ182 is an NDM-1 inhibitor with an IC ₅₀ of 0.23 μM, and additionally inhibits IMP-1, VIM-2, GIM-1, and MMP-2 with respective IC ₅₀ values of 0.25, 0.61, 0.49, and 6.92 μM. It is utilized in bacterial infection research [1].
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4665 mL	12.3326 mL	24.6652 mL
5 mM	0.4933 mL	2.4665 mL	4.933 mL
10 mM	0.2467 mL	1.2333 mL	2.4665 mL
50 mM	0.0493 mL	0.2467 mL	0.4933 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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