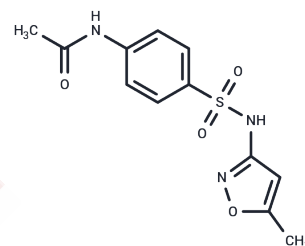


N4-Acetylsulfamethoxazole

Chemical Properties

CAS No. :	21312-10-7
Formula:	C ₁₂ H ₁₃ N ₃ O ₄ S
Molecular Weight:	295.31
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	N-acetyl Sulfamethoxazole is a metabolite of sulfamethoxazole, an antibiotic with antiviral activity, that can be detected in urine.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	Ethanol: 0.25 mg/mL (0.85 mM),Sonication is recommended. DMSO: 50 mg/mL (169.31 mM),Sonication is recommended. DMF: 50 mg/mL (169.31 mM),Sonication is recommended. DMSO:PBS (pH 7.2) (1:1): 0.5 mg/mL (1.69 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3863 mL	16.9314 mL	33.8627 mL
5 mM	0.6773 mL	3.3863 mL	6.7725 mL
10 mM	0.3386 mL	1.6931 mL	3.3863 mL
50 mM	0.0677 mL	0.3386 mL	0.6773 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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