

Amoxicillin trihydrate mixture with potassium clavulanate (4:1)

Chemical Properties

CAS No. :

Formula: C₂₄H₃₃KN₄O₁₃S

Molecular Weight: 656.7

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	Amoxicillin (trihydrate) mixed with potassium clavulanate (4:1) is a broad-spectrum antibiotic that exhibits strong oral absorption. It functions by inhibiting the biosynthesis of polypeptides in bacterial cell walls, which effectively halts cell growth, demonstrating its antimicrobial activity [1] [2] [3].
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5228 mL	7.6138 mL	15.2277 mL
5 mM	0.3046 mL	1.5228 mL	3.0455 mL
10 mM	0.1523 mL	0.7614 mL	1.5228 mL
50 mM	0.0305 mL	0.1523 mL	0.3046 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.

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