

Amoxicillin (sodium)

Catalog No: tcsc2581



Available Sizes

Size: 1g

Size: 5g

Size: 10g



Specifications

CAS No:

34642-77-8

Formula:

$C_{16}H_{19}N_3NaO_5S^+$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 39 mg/mL (100.67 mM)

Observed Molecular Weight:

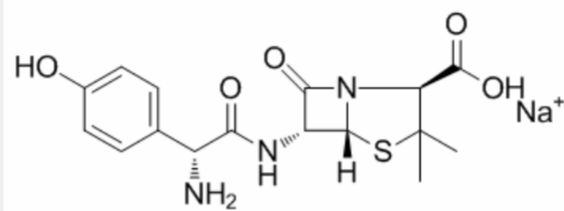
388.39

Product Description

Amoxicillin Sodium is a moderate- spectrum, bacteriolytic, β -lactam antibiotic.

Target: Antibacterial

Amoxicillin is a moderate-spectrum, bacteriolytic, β -lactam antibiotic in the aminopenicillin family used to treat bacterial infections caused by susceptible Gram-positive and Gram-negative microorganisms. It is usually the drug of choice within the class because it is better-absorbed, following oral administration, than other β -lactam antibiotics. Amoxicillin is susceptible to degradation by β -lactamase-producing bacteria, which are resistant to a narrow spectrum of β -lactam antibiotics, such as penicillin. For this reason, it is often combined with clavulanic acid, a β -lactamase inhibitor. This increases effectiveness by reducing its susceptibility to β -lactamase resistance. From Wikipedia.



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