

Sulfamerazine

Catalog No: tcsc2720



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

127-79-7

Formula:

$C_{11}H_{12}N_4O_2S$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

H₂O :

Alternative Names:

RP2632

Observed Molecular Weight:

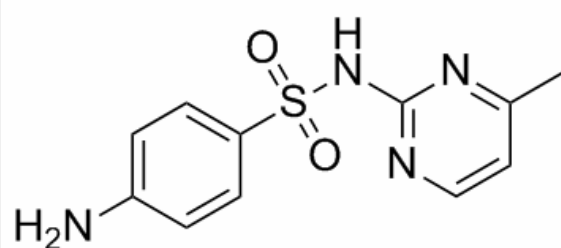
264.3

Product Description

Sulfamerazine(RP-2632) is a sulfonamide antibacterial.

Target: Antibacterial

Sulfamerazine, the monomethyl derivative of sulfadiazine, is 2-sulfanilamido-4-methylpyrimidine. Sulfamerazine is a sulfonamide drug that inhibits bacterial synthesis of dihydrofolic acid by competing with para-aminobenzoic acid (PABA) for binding to dihydropteroate synthetase (dihydrofolate synthetase). Sulfamerazine is bacteriostatic in nature. Inhibition of dihydrofolic acid synthesis decreases the synthesis of bacterial nucleotides and DNA [1].



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