

Sulfisoxazole

Catalog No: tcsc2364



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

127-69-5

Formula:

$C_{11}H_{13}N_3O_3S$

Pathway:

GPCR/G Protein;Anti-infection

Target:

Endothelin Receptor;Bacterial

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 150 mg/mL (561.17 mM)

Alternative Names:

Sulfafurazole

Observed Molecular Weight:

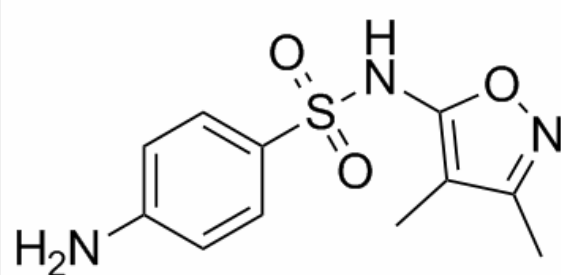
267.3

Product Description

Sulfisoxazole, an endothelin receptor antagonist, is a sulfonamide antibacterial with an oxazole substituent.

Target: Antibacterial; Endothelin Receptor

The sulfanilamide antibacterial agent sulfisoxazole was found to be a good endothelin receptor antagonist (IC₅₀'s of 0.60 microM and 22 microM for the ETA and ETB receptors, respectively) [1]. Sulfisoxazole is used to treat or prevent infections in many different parts of the body. It belongs to the group of medicines known as sulfonamide antibiotics. It works by preventing the growth of bacteria [2].



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