

# Sulfadimethoxine

Catalog No: tcsc2379



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

122-11-2

**Formula:**

$C_{12}H_{14}N_4O_4S$

**Pathway:**

Anti-infection

**Target:**

Bacterial

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 32$  mg/mL (103.12 mM)

**Alternative Names:**

Sulphadimethoxine

**Observed Molecular Weight:**

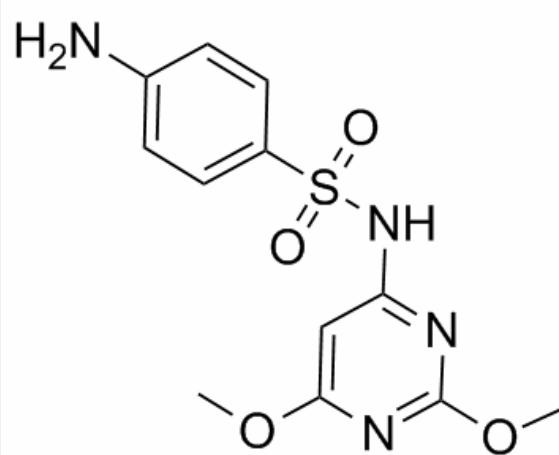
310.33

## Product Description

Sulfadimethoxine is a sulfonamide antibiotic.

Target: Antibacterial

Sulfadimethoxine is a sulfonamide antibiotic. Sulfadimethoxine is used to treat many infections including treatment of respiratory, urinary tract, enteric, and soft tissue infections. It is most frequently used in veterinary medicine, although it is approved in some countries for use in humans. Sulfadimethoxine inhibits bacterial synthesis of folic acid (pteroylglutamic acid) from para-aminobenzoic acid. Sulfadimethoxine is approved in Russia for use in humans, including children, and has been successfully used there for more than 35 years. It is widely available in Russia as an over-the-counter drug manufactured by a number of Russian pharmaceutical companies [1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!