

# Sulfameter

Catalog No: tcsc2158



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

651-06-9

**Formula:**

$C_{11}H_{12}N_4O_3S$

**Pathway:**

Anti-infection

**Target:**

Bacterial

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

Sulfametoxydiazine;5-Methoxysulfadiazine

**Observed Molecular Weight:**

280.3

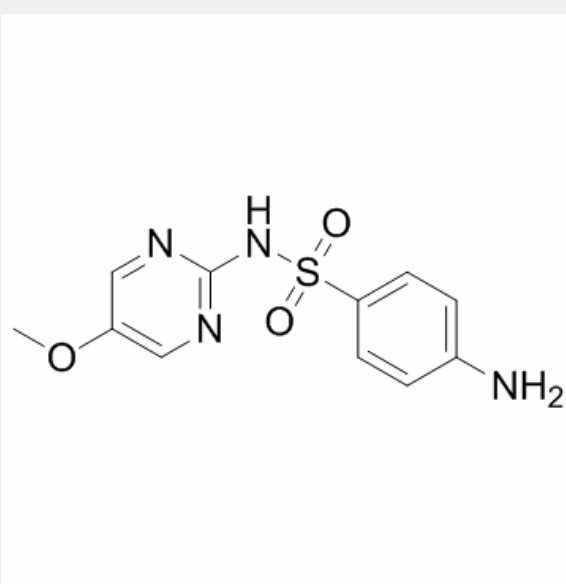
## Product Description

Sulfameter(Bayrena) is a long-acting sulfonamide antibacterial.

Target: Antibacterial

Sulfameter(Bayrena) is a long-acting sulfonamide antibacterial. It is used as a leprostatic agent in the treatment of urinary tract infections.

Six physically healthy patients each were given 2 g of sulfameter simultaneously with a high lipid, high protein and high carbohydrate test meal. This experiment was designed as a threefold crossover study, and there was a randomized assignment of patients to the different conditions. The results show that sulfameter is significantly better absorbed when administered with a high lipid meal than when given with a high protein or high carbohydrate meal, demonstrated by the areas under the serum concentration curves (AUC), by the peak serum concentration and by the cumulative renal excretion.



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