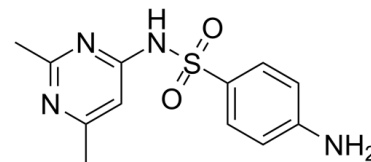


Data Sheet

Product Name:	Sulfisomidin
Cat. No.:	CS-7658
CAS No.:	515-64-0
Molecular Formula:	C ₁₂ H ₁₄ N ₄ O ₂ S
Molecular Weight:	278.33
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 30 mg/mL (107.79 mM)



BIOLOGICAL ACTIVITY:

Sulfisomidin (Sulfaisodimidine) is an orally active short-acting sulfonamide antibacterial. Sulfisomidin can be used for the research of lower urinary tract infections^{[1][2]}. **In Vitro:** Sulfisomidin (Sulfaisodimidine) is a short-acting antibacterial agent^[1].

References:

- [1]. Bridges JW, et al. Species differences in the metabolism and excretion of sulphasomidine and sulphamethomidine. *Biochem J.* 1969 Jan;111(2):173-9.
- [2]. Melander A, et al. Therapeutic equivalence of sulfaisodimidine 2 g twice daily and 1 g four times daily in lower urinary tract infections. *Acta Med Scand.* 1982;211(5):361-4.

CAIndexNames:

Benzenesulfonamide, 4-amino-N-(2,6-dimethyl-4-pyrimidinyl)-

SMILES:

O=S(C1=CC=C(N)C=C1)(NC2=NC(C)=NC(C)=C2)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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