



LKT Laboratories, Inc.

Sulfadimethoxine

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Product Information

Product ID S8246

CAS No. 122-11-2

Chemical Name 4-Amino-N-(2,6-dimethoxy-4-pyrimidinyl)benzenesulfonamide

Synonym Agribon, Albon, Arnosulfan, Diasulfa, Madribon, Neostreptal, Sudine, Sulfabon, Ultrasulfon

Formula C₁₂H₁₄N₄O₄S

Formula Wt. 310.33

Melting Point 201-203 °C

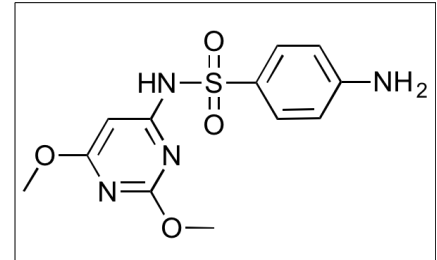
Purity ≥98%

Solubility Soluble in dilute HCl, and in aqueous solutions of sodium carbonate. Ethanol (5 mg/mL).

Store Temp Ambient

Ship Temp Ambient

Description Sulfadimethoxine is a sulfonamide antibiotic that inhibits folic acid synthesis; it displays antibacterial efficacy in the treatment of various bacterial infections. Sulfadimethoxine is photodegraded by UV light.



Bulk quantities available upon request

Product ID	Size
S8246	10 g
S8246	25 g
S8246	100 g

References Zessel K, Mohring S, Hamscher G, et al. Biocompatibility and antibacterial activity of photolytic products of sulfonamides. *Chemosphere*. 2014 Apr;100:167-74. PMID: 24321335.

Mengelers MJ, van Klingeren B, van Miert AS. In vitro antimicrobial activity of sulfonamides against some porcine pathogens. *Am J Vet Res*. 1989 Jul;50(7):1022-8. PMID: 2774319.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.