



## Product Information

**Product ID** S8246

**CAS No.** 122-11-2

**Chemical Name** 4-Amino-N-(2,6-dimethoxy-4-pyrimidinyl)benzene-sulfonamide

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

**Formula** C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>S

**Formula Wt.** 310.33

**Melting Point** 201-203 °C

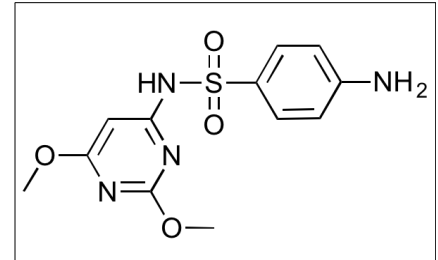
**Purity** ≥98%

**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.



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
S8246	10 g	\$55.10
S8246	25 g	\$106.10
S8246	100 g	\$287.30

**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.