



Product Information

Product ID S8245
CAS No. 68-35-9
Chemical Name 4-Amino-N-2-pyrimidinylbenzenesulfonamide

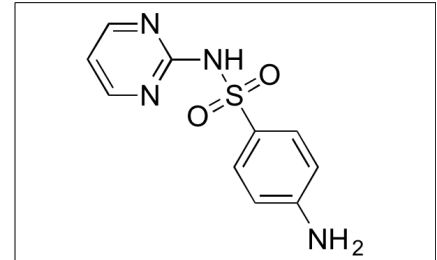
Synonym Adiazine, Diazyl, Sulfolex

Formula C₁₀H₁₀N₄O₂S
Formula Wt. 250.28
Melting Point 252-256 °C
Purity ≥98%
Solubility Insoluble in water.
Sparingly soluble in alcohol
or acetone.

Store Temp Ambient

Ship Temp Ambient

Description Sulfadiazine is a sulfonamide antibiotic that inhibits folate production; it exhibits antibacterial activity.



Bulk quantities available upon request

Product ID	Size
S8245	50 g
S8245	100 g
S8245	500 g

References Laue H, Weiss L, Bernardi A, et al. In vitro activity of the novel diaminopyrimidine, iclaprim, in combination with folate inhibitors and other antimicrobials with different mechanisms of action. *J Antimicrob Chemother.* 2007 Dec;60(6):1391-4. PMID: 17962215.

Richards RM, Xing JZ, Gregory DW, et al. Mechanism of sulphadiazine enhancement of trimethoprim activity against sulphadiazine-resistant *Enterococcus faecalis*. *J Antimicrob Chemother.* 1995 Oct;36(4):607-18. PMID: 8591935.

Ho YB, Zakaria MP, Latif PA, Saari N. Occurrence of veterinary antibiotics and progesterone in broiler manure and agricultural soil in Malaysia. *Sci Total Environ.* 2014 Aug 1;488-489:261-267. PMID: 24836135.

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