

Product Data Sheet

Product Name: Sulfadiazine

Cat. No.: GC14632

Chemical Properties

Cas. No. 68-35-9

Chemical Name 4-amino-N-pyrimidin-2-ylbenzenesulfonamide

SMILES C1=CN=C(N=C1)NS(=O)(=O)C2=CC=C(C=C2)N

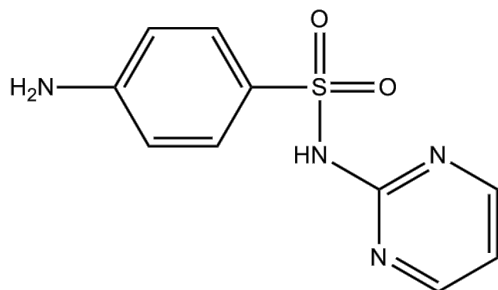
Formula $C_{10}H_{10}N_4O_2S$ M.Wt 250.28

Solubility $\geq 7.55\text{mg/mL}$ in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Sulfadiazine is a sulfonamide antibiotic used for the treatment of toxoplasmosis.

References:

[1]. Kucan, J.O., et al., Comparison of silver sulfadiazine, povidone-iodine and physiologic saline in the treatment of chronic pressure ulcers. J Am Geriatr Soc, 1981. 29(5): p. 232-5.

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

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