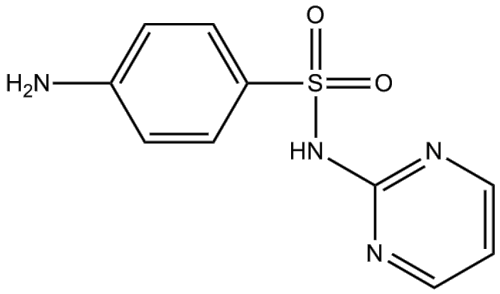
Product Data Sheet

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	≥ 7.55mg/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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