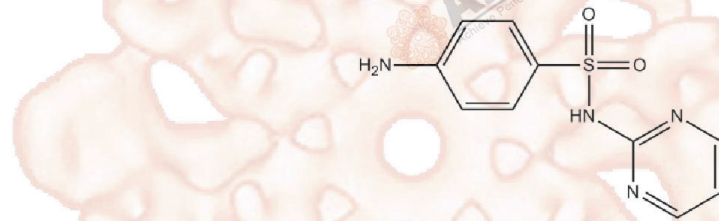


Product Data Sheet

Sulfadiazine

Cat. No.:	A8527
CAS No.:	68-35-9
Formula:	C ₁₀ H ₁₀ N ₄ O ₂ S
M.Wt:	250.28
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥7.55 mg/mL in DMSO

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	3.9955 mL	19.9776 mL	39.9553 mL
		5 mM	0.7991 mL	3.9955 mL	7.9911 mL
		10 mM	0.3996 mL	1.9978 mL	3.9955 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	Sulfonamide antibiotic
IC ₅₀ & Target	
In Vitro	Cell Viability Assay
	Preparation method:
In Vivo	Animal experiment
	Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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