

Product Data Sheet

Sulfadimethoxine

Cat. No.: B3301
CAS No.: 122-11-2
Formula: C₁₂H₁₄N₄O₄S
M.Wt: 310.33
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥13.6 mg/mL in DMSO; insoluble in EtOH

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.2224 mL	16.1119 mL	32.2238 mL
		5 mM	0.6445 mL	3.2224 mL	6.4448 mL
		10 mM	0.3222 mL	1.6112 mL	3.2224 mL

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

Biological Activity

Shortsummary

Antimicrobial agent

IC₅₀ & 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 APEx BIO 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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