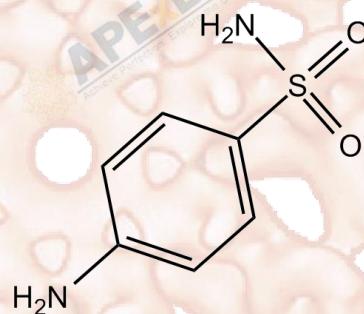


Product Data Sheet

Sulfanilamide

Cat. No.:	B2041
CAS No.:	63-74-1
Formula:	C ₆ H ₈ N ₂ O ₂ S
M.Wt:	172.2
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥2.49 mg/mL in EtOH with gentle warming and ultrasonic; ≥7.7 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	5.8072 mL	29.0360 mL	58.0720 mL
		5 mM	1.1614 mL	5.8072 mL	11.6144 mL
		10 mM	0.5807 mL	2.9036 mL	5.8072 mL

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

Biological Activity

Shortsummary

competitive inhibitor for bacterial enzyme dihydropteroate synthetase

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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