

Product Data Sheet

Sulfamethoxazole

Cat. No.: B2040
CAS No.: 723-46-6
Formula: C₁₀H₁₁N₃O₃S
M.Wt: 253.28
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥7.75 mg/mL in DMSO; ≥9.62 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.9482 mL	19.7410 mL	39.4820 mL
		5 mM	0.7896 mL	3.9482 mL	7.8964 mL
		10 mM	0.3948 mL	1.9741 mL	3.9482 mL

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

Biological Activity

Shortsummary

sulfonamide bacteriostatic antibiotic

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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