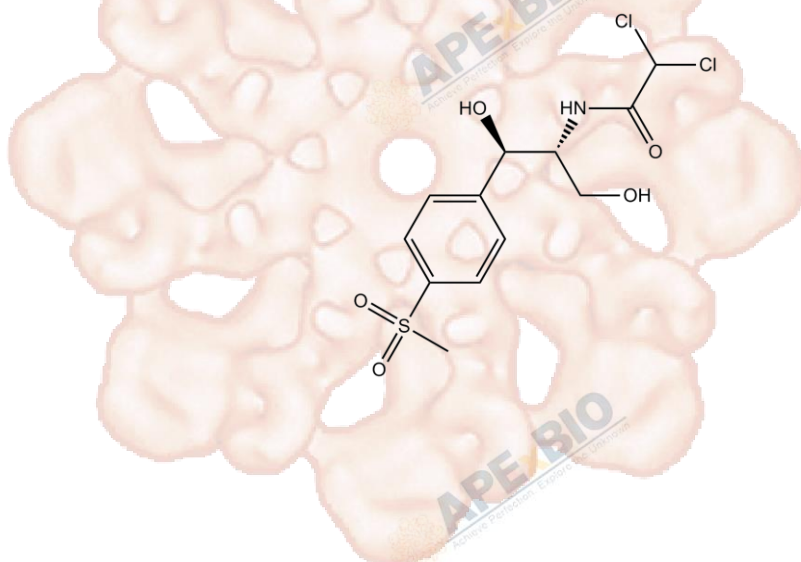


Product Data Sheet

Thiamphenicol

Cat. No.: B1853
CAS No.: 15318-45-3
Formula: C₁₂H₁₅Cl₂NO₅S
M.Wt: 356.22
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

In Vitro

insoluble in H₂O; ≥15.55 mg/mL in DMSO; ≥7.09 mg/mL in EtOH with ultrasonic

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.8073 mL	14.0363 mL	28.0725 mL
		5 mM	0.5615 mL	2.8073 mL	5.6145 mL
		10 mM	0.2807 mL	1.4036 mL	2.8073 mL

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

Biological Activity

Shortsummary

antimicrobial 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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