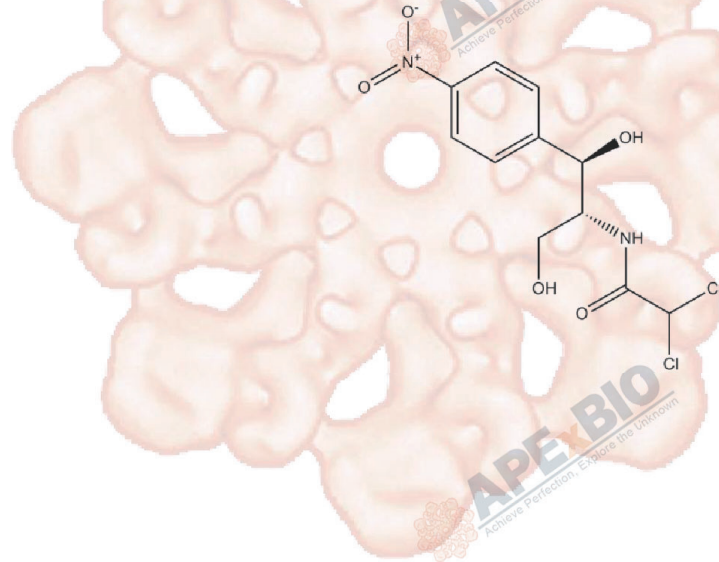


# Product Data Sheet

## Chloramphenicol

<b>Cat. No.:</b>	A2512
<b>CAS No.:</b>	56-75-7
<b>Formula:</b>	C <sub>11</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>5</sub>
<b>M.Wt:</b>	323.13
<b>Synonyms:</b>	
<b>Target:</b>	Microbiology & Virology
<b>Pathway:</b>	Antibiotic
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥ 16.16 mg/mL in DMSO; ≥ 16.25 mg/mL in H<sub>2</sub>O with gentle warming and ultrasonic; ≥ 33 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
			3.0947 mL	15.4736 mL	30.9473 mL
			0.6189 mL	3.0947 mL	6.1895 mL
			0.3095 mL	1.5474 mL	3.0947 mL

Please refer to the solubility information to select the appropriate solvent

### Biological Activity

Shortsummary

Inhibits translation(blocking peptidyl transferase)

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://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.*

**APExBIO Technology**

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