

## L-erythro-Chloramphenicol

## Chemical Properties

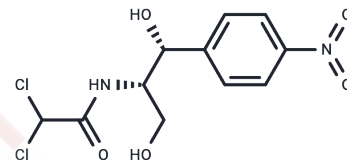
CAS No. : 7384-89-6

Formula: C<sub>11</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight: 323.13

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	L-erythro-Chloramphenicol functions as a potent inhibitor of electron transport.
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0947 mL	15.4736 mL	30.9473 mL
5 mM	0.6189 mL	3.0947 mL	6.1895 mL
10 mM	0.3095 mL	1.5474 mL	3.0947 mL
50 mM	0.0619 mL	0.3095 mL	0.6189 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

- Renault D, Yousef H, Mohamed AA. The multilevel antibiotic-induced perturbations to biological systems: Early-life exposure induces long-lasting damages to muscle structure and mitochondrial metabolism in flies. *Environ Pollut*. 2018 Jun 7;241:821-833. doi: 10.1016/j.envpol.2018.06.011. [Epub ahead of print] PubMed PMID: 29909308.
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