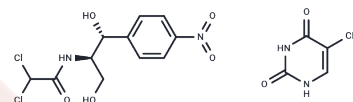


## Levomecol

## Chemical Properties

CAS No. :	118573-58-3
Formula:	C <sub>16</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>7</sub>
Molecular Weight:	449.24
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	Levomecol, a broad-spectrum antibiotic derived from <i>Streptomyces venezuelae</i> , comprises Chloramphenicol and Methyluracil. It exerts its bacteriostatic effect by binding to the bacterial ribosome, inhibiting protein synthesis by blocking peptidyl
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.226 mL	11.1299 mL	22.2598 mL
5 mM	0.4452 mL	2.226 mL	4.452 mL
10 mM	0.2226 mL	1.113 mL	2.226 mL
50 mM	0.0445 mL	0.2226 mL	0.4452 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

Chloramphenicol

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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