

(Rac)-Bromamphenicol

Chemical Properties

CAS No. :	16803-75-1
Formula:	C ₁₁ H ₁₂ Br ₂ N ₂ O ₅
Molecular Weight:	412.03
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	(Rac)-Bromamphenicol is the racemic mixture of Bromamphenicol. Bromamphenicol (Compound Ib) is a derivative of Chloramphenicol with antibacterial properties. It binds to the S50 ribosomal subunit, disrupting peptidyl transferase activity, and exhibits inhibitory effects on protein synthesis.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.427 mL	12.135 mL	24.2701 mL
5 mM	0.4854 mL	2.427 mL	4.854 mL
10 mM	0.2427 mL	1.2135 mL	2.427 mL
50 mM	0.0485 mL	0.2427 mL	0.4854 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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