

Chlorhexidine impurity 1

Chemical Properties

CAS No. :	1308292-89-8
Formula:	C ₁₆ H ₂₆ ClN ₉ O
Molecular Weight:	395.9
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	Chlorhexidine impurity 1 is a byproduct of Chlorhexidine. Chlorhexidine is an orally effective cationic antimicrobial agent that targets microbial cell membranes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5259 mL	12.6295 mL	25.2589 mL
5 mM	0.5052 mL	2.5259 mL	5.0518 mL
10 mM	0.2526 mL	1.2629 mL	2.5259 mL
50 mM	0.0505 mL	0.2526 mL	0.5052 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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