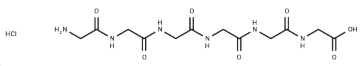
Data Sheet (Cat.No.T40820)

TargetMol

Gly6 hydrochloride

Chemical Properties



CAS No. : 71176-49-3

Formula: C12H21ClN6O7

Molecular Weight: 396.79

Storage: Keep away from moisture
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	Gly6 hydrochloride (Hexaglycine hydrochloride) is a linear oligopeptide composed of six glycine units.
In vitro	Zoocin A exerts a lytic effect on susceptible streptococci through direct interaction with the cell, leading to lysis. Both zoocin A and lysostaphin can cleave the peptide substrate Gly6 (Hexaglycine)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5202 mL	12.6011 mL	25.2022 mL
5 mM	0.504 mL	2.5202 mL	5.0404 mL
10 mM	0.252 mL	1.2601 mL	2.5202 mL
50 mM	0.0504 mL	0.252 mL	0.504 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

R S Simmonds, et al. Mode of Action of a Lysostaphin-Like Bacteriolytic Agent Produced by Streptococcus Zooepidemicus 4881. Appl Environ Microbiol. 1996 Dec;62(12):4536-41.
S A Adibi, et al. The Number of Glycine Residues Which Limits Intact Absorption of Glycine Oligopeptides in Human Jejunum. J Clin Invest. 1977 Nov;60(5):1008-16.

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