

L-Chlorozotocin

Chemical Properties

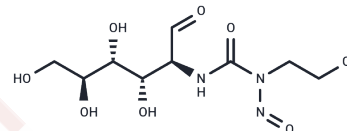
CAS No. : 69839-80-1

Formula: C₉H₁₆ClN₃O₇

Molecular Weight: 313.69

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-Chlorozotocin is a glucose-linked chloroethyl nitroso urea with potential antineoplastic activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1879 mL	15.9393 mL	31.8786 mL
5 mM	0.6376 mL	3.1879 mL	6.3757 mL
10 mM	0.3188 mL	1.5939 mL	3.1879 mL
50 mM	0.0638 mL	0.3188 mL	0.6376 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

Johnston TP, McCaleb GS, Anderson T, Murinson DS. L-Chlorozotocin. J Med Chem. 1979 May;22(5):597-9. PubMed PMID: 156793.

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