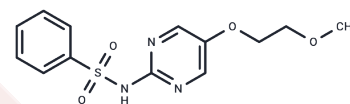


Glymidine

Chemical Properties

CAS No. :	339-44-6
Formula:	C ₁₃ H ₁₅ N ₃ O ₄ S
Molecular Weight:	309.34
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	Glycodiazine is a sulfadiazine derivative with antihyperglycemic activity. Glycanamidine can lower blood sugar levels by increasing insulin release from pancreatic beta cells and increasing peripheral tissue sensitivity to insulin.
Targets(IC50)	Others,IGF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2327 mL	16.1634 mL	32.3269 mL
5 mM	0.6465 mL	3.2327 mL	6.4654 mL
10 mM	0.3233 mL	1.6163 mL	3.2327 mL
50 mM	0.0647 mL	0.3233 mL	0.6465 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

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- Ghanem MH, Guirgis FK. Effect of insulin and glycodiazine on the level of plasma free fatty acids in bilharzial (schistosomal) hepatic fibrosis. J Trop Med Hyg. 1972 Jun;75(6):115-8. PubMed PMID: 5044326.
- Matsuno Z. [Histological studies on the pancreatic islets of Langerhans of rabbits after long-term glycodiazine administration]. Nihon Naibunpi Gakkai Zasshi. 1971 Jun 20;47(3):165-73. Japanese. PubMed PMID: 4934487.
- Cheah JS, Tan BY. Evaluation of glycodiazine (Lycanol) in the treatment of diabetes mellitus. Singapore Med J. 1970 Jun;11(2):91-5. PubMed PMID: 5505890.

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