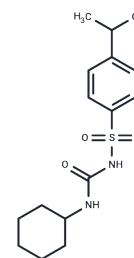


Hydroxyhexamide

Chemical Properties

CAS No. :	3168-01-2
Formula:	C ₁₅ H ₂₂ N ₂ O ₄ S
Molecular Weight:	326.41
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	Hydroxyhexamide ((±)-Hydroxyhexamid) is a pharmacologically active metabolite of Acetohexamide, used as a hypoglycemic agent.
Targets(IC50)	Drug Metabolite,Potassium Channel

Solubility Information

Solubility	DMSO: 45 mg/mL (137.86 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0636 mL	15.3182 mL	30.6363 mL
5 mM	0.6127 mL	3.0636 mL	6.1273 mL
10 mM	0.3064 mL	1.5318 mL	3.0636 mL
50 mM	0.0613 mL	0.3064 mL	0.6127 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

Imamura Y,etal.Hypoglycemic effect of S(-)-hydroxyhexamide, a major metabolite of acetohexamide, and its enantiomer R(+)-hydroxyhexamide.Life Sci. 2001 Sep 7;69(16):1947-55.

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