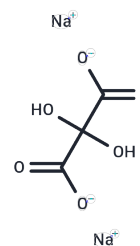


Mesoxalate sodium (monohydrate)

Chemical Properties

CAS No. :	31635-99-1
Formula:	C ₃ HNa ₂ O ₆
Molecular Weight:	180.02
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	Mesoxalate sodium (monohydrate) is primarily located in the cytoplasm within the cell. Mesoxalic acid can be biosynthesized from malonic acid. Outside of the human body, mesoxalic acid can be found in cereals and cereal products, common pea, and herbs and spices.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5549 mL	27.7747 mL	55.5494 mL
5 mM	1.111 mL	5.5549 mL	11.1099 mL
10 mM	0.5555 mL	2.7775 mL	5.5549 mL
50 mM	0.1111 mL	0.5555 mL	1.111 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

Overington JP, et al. How many drug targets are there? Nat Rev Drug Discov. 2006 Dec;5(12):993-6.

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