

TRIA-662

Chemical Properties

CAS No. :	1005-24-9
Formula:	C7H9ClN2O
Molecular Weight:	172.612
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

Biological Description

Description	TRIA-662 (Nicotinamide Chloromethylate) is a niacin metabolite excreted via the urinary system.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H2O: 260.00 mg/mL (1506.27 mM) DMSO: 1.73 mg/mL (10.02 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	5.7934 mL	28.967 mL	57.9341 mL
5 mM	1.1587 mL	5.7934 mL	11.5868 mL
10 mM	0.5793 mL	2.8967 mL	5.7934 mL
50 mM	0.1159 mL	0.5793 mL	1.1587 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

- Zhao J, Zhang Y, Liu Y, et al. Antidepressant-like effects of 1-methylnicotinamide in a chronic unpredictable mild stress model of depression[J]. Neuroscience Letters. 2020: 135535.
- Zhao J, Zhang Y, Liu Y, et al. Antidepressant-like effects of 1-methylnicotinamide in a chronic unpredictable mild stress model of depression. Neuroscience Letters. 2021 Jan 18;742:135535. doi: 10.1016

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