

TRIA-662

Chemical Properties

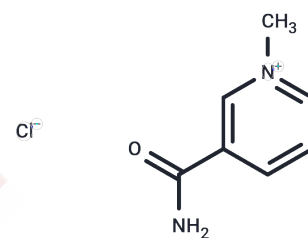
CAS No. : 1005-24-9

Formula: C7H9ClN2O

Molecular Weight: 172.62

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: DMSO: 1.73 mg/mL (10.02 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7931 mL	28.9654 mL	57.9307 mL
5 mM	1.1586 mL	5.7931 mL	11.5861 mL
10 mM	0.5793 mL	2.8965 mL	5.7931 mL
50 mM	0.1159 mL	0.5793 mL	1.1586 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.

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