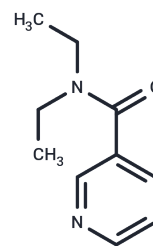


Nikethamide

Chemical Properties

CAS No. :	59-26-7
Formula:	C10H14N2O
Molecular Weight:	178.23
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	Nikethamide is a stimulant which mainly influences the respiratory cycle. Widely known by its former sales name of Coramine, it was used in the mid-twentieth century as a medical countermeasure against tranquilizer overtreatments, before the advent of endotracheal intubation and positive-pressure lung expansion. It is now thought to be of no value for such purposes, and may be dangerous.
Targets(IC50)	Others,GABA Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (252.48 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	5.6107 mL	28.0536 mL	56.1073 mL
5 mM	1.1221 mL	5.6107 mL	11.2215 mL
10 mM	0.5611 mL	2.8054 mL	5.6107 mL
50 mM	0.1122 mL	0.5611 mL	1.1221 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

ECKENHOFF JE, HAFKENSCHIEL JH. J Pharmacol Exp Ther. 1947 Dec;91(4):362-9.

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