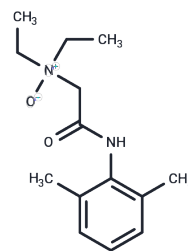


Lignocaine N-oxide

Chemical Properties

CAS No. :	2903-45-9
Formula:	C ₁₄ H ₂₂ N ₂ O ₂
Molecular Weight:	250.34
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	Lignocaine N-oxide is a metabolite of Lidocaine, which is an antiarrhythmic and anesthetic agent.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

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

	1mg	5mg	10mg
1 mM	3.9946 mL	19.9728 mL	39.9457 mL
5 mM	0.7989 mL	3.9946 mL	7.9891 mL
10 mM	0.3995 mL	1.9973 mL	3.9946 mL
50 mM	0.0799 mL	0.3995 mL	0.7989 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

Patterson LH, Hall G, Nijjar BS, Khatra PK, Cowan DA. In-vitro metabolism of lignocaine to its N-oxide. J Pharm Pharmacol. 1986 Apr;38(4):326. PubMed PMID: 2872305.

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