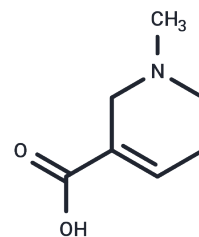


Arecaidine hydrochloride

Chemical Properties

CAS No. :	6018-28-6
Formula:	C ₇ H ₁₂ ClNO ₂
Molecular Weight:	177.63
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl



Biological Description

Description	Arecaidine hydrochloride may have carcinogenesis.
Targets(IC50)	Others,GABA Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (253.34 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (11.26 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6297 mL	28.1484 mL	56.2968 mL
5 mM	1.1259 mL	5.6297 mL	11.2594 mL
10 mM	0.563 mL	2.8148 mL	5.6297 mL
50 mM	0.1126 mL	0.563 mL	1.1259 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

Nery, R. The metabolic interconversion of arecoline and arecoline 1-oxide in the rat[]]. Biochemical Journal, 1971, 122(4):503-508.

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