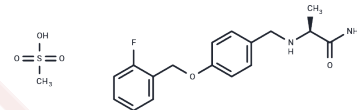


Ralfinamide mesylate

Chemical Properties

CAS No. :	202825-45-4
Formula:	C ₁₈ H ₂₃ FN ₂ O ₅ S
Molecular Weight:	398.45
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	Ralfinamide mesylate (FCE-26742A (mesylate)) is an orally available Na ⁺ channel blocker.
Targets(IC50)	Sodium Channel

Solubility Information

Solubility	DMSO: 27.5 mg/mL (69.02 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	2.5097 mL	12.5486 mL	25.0973 mL
5 mM	0.5019 mL	2.5097 mL	5.0195 mL
10 mM	0.251 mL	1.2549 mL	2.5097 mL
50 mM	0.0502 mL	0.251 mL	0.5019 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

- Liang X , Yu G , Su R . Effects of ralfinamide in models of nerve injury and chemotherapy-induced neuropathic pain [J]. European journal of pharmacology, 2018, 823:27-34.
- Bayes M , Rabasseda X , Prous J R . Gateways to Clinical Trials[J]. Methods & Findings in Experimental & Clinical Pharmacology, 2008, 30(4):313.

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