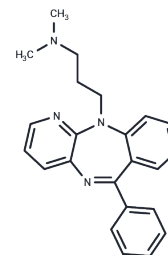


Tampramine

Chemical Properties

CAS No. :	83166-17-0
Formula:	C ₂₃ H ₂₄ N ₄
Molecular Weight:	356.46
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	Tampramine is a selective norepinephrine reuptake inhibitor that shows a low affinity for adrenergic, histaminergic and muscarinic receptors. Tampramine is a candidate compound for the treatment of forced swimming test (FST) depression.
Targets(IC50)	Others, Norepinephrine, Serotonin Transporter

Solubility Information

Solubility	DMSO: 55 mg/mL (154.3 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	2.8054 mL	14.0268 mL	28.0536 mL
5 mM	0.5611 mL	2.8054 mL	5.6107 mL
10 mM	0.2805 mL	1.4027 mL	2.8054 mL
50 mM	0.0561 mL	0.2805 mL	0.5611 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

Amsterdam J D. A 36-year-old Man With a History of Non-response to Multiple Medications. *Psychiatric Annals*, 2004;34(3): 180-181.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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