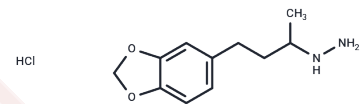


Safrazine Hydrochloride

Chemical Properties

CAS No. :	7296-30-2
Formula:	C ₁₁ H ₁₇ ClN ₂ O ₂
Molecular Weight:	244.718
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	Safrazine Hydrochloride is a monoamine oxidase inhibitor (MOI) that is irreversible.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0863 mL	20.4315 mL	40.863 mL
5 mM	0.8173 mL	4.0863 mL	8.1726 mL
10 mM	0.4086 mL	2.0432 mL	4.0863 mL
50 mM	0.0817 mL	0.4086 mL	0.8173 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

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- Yokoyama T, Karube T, Iwata N. Comparative studies of the effects of RS-8359 and safrazine on monoamine oxidase in-vitro and in-vivo in mouse brain. J Pharm Pharmacol. 1989 Jan;41(1):32-6. PubMed PMID: 2565961.
- Orikasa S, Sakurada S, Kisara K. Head-twitch response induced by tyramine. Psychopharmacology (Berl). 1980 Jan;67(1):53-9. PubMed PMID: 6245422.
- Semba J, Nankai M, Maruyama Y, Kaneno S, Watanabe A, Takahashi R. Increase in urinary beta-phenylethylamine preceding the switch from mania to depression: a "rapid cyler". J Nerv Ment Dis. 1988 Feb;176(2):116-9. PubMed PMID: 3339341.

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