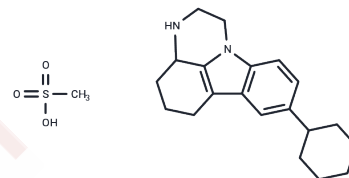


Tetrindole mesylate

Chemical Properties

CAS No. :	170964-68-8
Formula:	C ₂₁ H ₃₀ N ₂ O ₃ S
Molecular Weight:	390.54
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	Tetrindole mesylate is a MAO-A inhibitor.
Targets(IC50)	MAO, Monoamine Oxidase

Solubility Information

Solubility	DMSO: < 38 mg/mL (97.30 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	2.5606 mL	12.8028 mL	25.6056 mL
5 mM	0.5121 mL	2.5606 mL	5.1211 mL
10 mM	0.2561 mL	1.2803 mL	2.5606 mL
50 mM	0.0512 mL	0.2561 mL	0.5121 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

Korshunov VA, Murashev AN, Ivashev MN, Dugin SF, Medvedev OS. Hemodynamic effects of tetrindol in alert normotensive mice and rats after blockade of nitric oxide synthesis. *Bull Exp Biol Med.* 2000 Aug;130(8):777-9.

Medvedev AE, Ramsay RR, Ivanov AS, Veselovsky AV, Shvedov VI, Tikhonova OV, Barradas AP, Davidson CK, Moskvitina TA, Fedotova OA, Axenova LN. Inhibition of monoamine oxidase by pirlindole analogues: 3D-QSAR analysis. *Neurobiology (Bp).* 1999;7(2):151-8.

Roslyĭ IM, Kozeeva EE, Murkova MV. [Biochemical consequences of acute and subacute tetrindole administration on rats]. *Vopr Med Khim.* 2000 Jan-Feb;46(1):43-7. Russian.

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