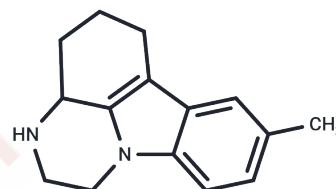


Pirlindole free base

Chemical Properties

CAS No. :	60762-57-4
Formula:	C ₁₅ H ₁₈ N ₂
Molecular Weight:	226.32
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	Pirlindole is a reversible inhibitor of monoamine oxidase A (RIMA). It is structurally and pharmacologically related to metralindole.
Targets(IC50)	Others, Monoamine Oxidase, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4185 mL	22.0926 mL	44.1852 mL
5 mM	0.8837 mL	4.4185 mL	8.837 mL
10 mM	0.4419 mL	2.2093 mL	4.4185 mL
50 mM	0.0884 mL	0.4419 mL	0.8837 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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- Branco JC, Tomé AM, Cruz MR, Filipe A. Pirlindole in the treatment of depression and fibromyalgia syndrome. Clin Drug Investig. 2011 Oct 1;31(10):675-89. doi: 10.2165/11595410-000000000-00000. Review. PubMed PMID: 21877764.
- Fiedler VB, Buchheim S, Nitz RE, Scholtholt J. Haemodynamic effects of pirlindole, a new tetracyclic antidepressant agent. Arzneimittelforschung. 1983;33(2):244-50. PubMed PMID: 6682664.
- Boland A, Gérardy J, Mossay D, Seutin V. Pre- and post-treatment with pirlindole and dehydropirlindole protects cultured brain cells against nitric oxide-induced death. Eur J Pharmacol. 2003 Apr 11;466(1-2):21-30. PubMed PMID: 12679138.

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