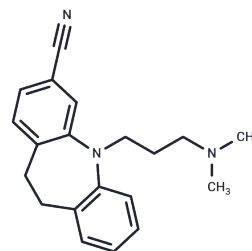


## Cianopramine

## Chemical Properties

CAS No. :	66834-24-0
Formula:	C <sub>20</sub> H <sub>23</sub> N <sub>3</sub>
Molecular Weight:	305.42
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Cianopramine (Ro 112465) is a selective 5-hydroxytryptamine uptake inhibitor and a tricyclic antidepressant used in the study of neurological disorders.
Targets(IC50)	5-HT Receptor, Norepinephrine

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2742 mL	16.3709 mL	32.7418 mL
5 mM	0.6548 mL	3.2742 mL	6.5484 mL
10 mM	0.3274 mL	1.6371 mL	3.2742 mL
50 mM	0.0655 mL	0.3274 mL	0.6548 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

- Eichler HG, et al. Effect of cianopramine, a tricyclic antidepressant, on platelet serotonin uptake and peripheral adrenergic function. *Clin Pharmacol Ther.* 1984 Oct;36(4):542-5.
- Pawlowski L, et al. Ro 11-2465 (cyan-imipramine), citalopram and their N-desmethyl metabolites: effects on the uptake of 5-hydroxytryptamine and noradrenaline in vivo and related pharmacological activities. *Psychopharmacology (Berl).* 1985;86(1-2):156-63.
- Griebel G, Moreau JL, Jenck F, Misslin R, Martin JR. Acute and chronic treatment with 5-HT reuptake inhibitors differentially modulate emotional responses in anxiety models in rodents. *Psychopharmacology (Berl).* 1994 Jan; 113(3-4):463-70. PubMed PMID: 7862860.
- Hormazabal L, Omer LM, Ismail S. Cianopramine and amitriptyline in the treatment of depressed patients--a placebo-controlled study. *Psychopharmacology (Berl).* 1985;86(1-2):205-8. PubMed PMID: 3927356.

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