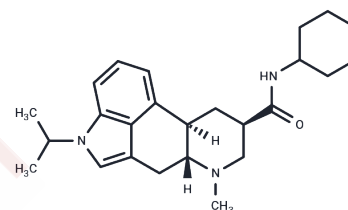


Amesergide

Chemical Properties

CAS No. :	121588-75-8
Formula:	C25H35N3O
Molecular Weight:	393.56
Storage:	Store at low temperature 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	Amesergide is an orally active and selective serotonin (5-HT _{1/2}) antagonist that inhibits weight gain in offspring of female CD rats, making it suitable for depression research.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5409 mL	12.7045 mL	25.4091 mL
5 mM	0.5082 mL	2.5409 mL	5.0818 mL
10 mM	0.2541 mL	1.2705 mL	2.5409 mL
50 mM	0.0508 mL	0.2541 mL	0.5082 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

- Seyler, D. E., et al., (1993). Effects of the serotonin antagonist amesergide on reproduction in female rats. *Reproductive toxicology* (Elmsford, N.Y.), 7(6), 607-612.
- Kelich, S. L., et al., (1995). Developmental toxicity of amesergide administered by gavage to CD rats and New Zealand white rabbits. *Fundamental and applied toxicology : official journal of the Society of Toxicology*, 27(2), 247-251.

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