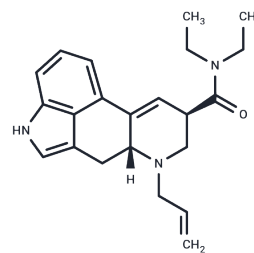


AL-LAD

Chemical Properties

CAS No. :	65527-61-9
Formula:	C22H27N3O
Molecular Weight:	349.47
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	AL-LAD (6-Allyl-6-nor-LSD) acts as an agonist of the 5-HT _{2A} receptor (5-HT _{2A} receptor) with a K _i ranging from 3.4 to 8.1 nM. It exhibits significant affinity for dopamine receptor D1 (dopamine receptor D1) and dopamine receptor D2 (dopamine receptor D2), with absolute affinities (K _{0.5}) of 189 nM and 12.3 nM, respectively. In mouse models, AL-LAD functions as a psychoactive compound.
Targets(IC50)	5-HT Receptor, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8615 mL	14.3074 mL	28.6148 mL
5 mM	0.5723 mL	2.8615 mL	5.723 mL
10 mM	0.2861 mL	1.4307 mL	2.8615 mL
50 mM	0.0572 mL	0.2861 mL	0.5723 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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