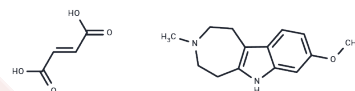


Tabernanthalog fumarate

Chemical Properties

CAS No. :	2483829-59-8
Formula:	C18H22N2O5
Molecular Weight:	346.38
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	Tabernanthalog fumarate (TBG fumarate) is a 5-HT _{2A} agonist that promotes neuronal growth and reduces alcohol consumption in mice, producing antidepressant-like effects. Tabernanthalog noncompetitively inhibits nAChR $\alpha 7$ and $\alpha 9\alpha 10$, as well as GABA A R and Ca V 2.2 channels.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.887 mL	14.435 mL	28.870 mL
5 mM	0.5774 mL	2.887 mL	5.774 mL
10 mM	0.2887 mL	1.4435 mL	2.887 mL
50 mM	0.0577 mL	0.2887 mL	0.5774 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

Cameron LP, et al. A non-hallucinogenic psychedelic analogue with therapeutic potential. Nature. 2021 Jan;589 (7842):474-479.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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