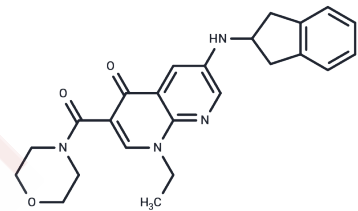


Soclenicant

Chemical Properties

CAS No. :	1020634-41-6
Formula:	C ₂₄ H ₂₆ N ₄ O ₃
Molecular Weight:	418.49
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	Soclenicant is a negative-altering modulator (NAM) and amino acid derivative of $\alpha 7$ -nAChR ($\alpha 7$ -nicotinic acetylcholine receptor) with developed therapeutic potential for anxiety, depression, and PTSD, due to its high selectivity, oral availability, and few side effects
Targets(IC50)	AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3895 mL	11.9477 mL	23.8954 mL
5 mM	0.4779 mL	2.3895 mL	4.7791 mL
10 mM	0.239 mL	1.1948 mL	2.3895 mL
50 mM	0.0478 mL	0.239 mL	0.4779 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

Andriambeloson E, et al. BNC210: A Novel Compound with Potent Anxiolytic Activity[C]//BEHAVIOURAL PHARMACOLOGY. 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA: LIPPINCOTT WILLIAMS & WILKINS, 2007, 18: S16-S16.

Perkins A, et al. Cholinergic modulation of disorder-relevant human defensive behaviour in generalised anxiety disorder. Transl Psychiatry. 2021 Jan 5;11(1):13.

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