

Product Data Sheet

Product Name: SUVN-911

Cat. No.: GC39575

Chemical Properties

Cas. No. 2414674-71-6

SMILES C1C=NC=C(OC[C@H]2N[C@@H]3C[C@@H]3C2)C=C1.[H]Cl

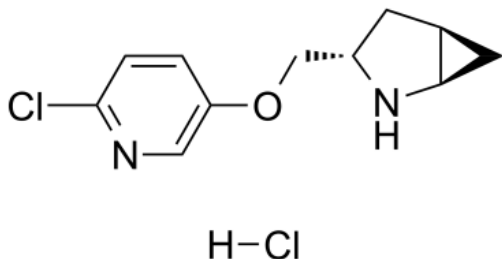
Formula $C_{11}H_{14}Cl_2N_2O$ M.Wt 261.15

Solubility DMSO: 125 mg/mL (478.65 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Caution: Product has not been fully validated for medical applications. For research use only.

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SUVN-911 is a potent, selective, brain penetrated and orally bioavailable neuronal nicotinic acetylcholine $\alpha 4\beta 2$ receptor antagonist, with a K_i of 1.5 nM. SUVN-911 has antidepressant activity[1].

[1]. Ramakrishna Nirogi, et al. Discovery and Development of 3-(6-Chloropyridine-3-yloxymethyl)-2-azabicyclo[3.1.0]hexane Hydrochloride (SUVN-911): A Novel, Potent, Selective, and Orally Active Neuronal Nicotinic Acetylcholine $\alpha 4\beta 2$ Receptor Antagonist for the Treatment of Depression. J Med Chem. 2020 Mar 26;63(6):2833-2853.

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