

N-Methyl amisulpride

Chemical Properties

CAS No. : 1391054-22-0

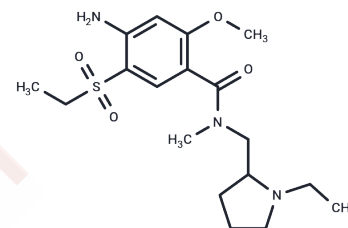
Formula: C₁₈H₂₉N₃O₄S

Molecular Weight: 383.51

Storage: Keep away from moisture, Keep away from direct sunlight

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	N-Methyl amisulpride (Amisulpride impurity H) is a 5-HT ₇ receptor, D ₂ receptor, and D ₃ receptor antagonist used in the study of acute schizophrenia.
Targets(IC ₅₀)	5-HT Receptor, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6075 mL	13.0375 mL	26.0749 mL
5 mM	0.5215 mL	2.6075 mL	5.215 mL
10 mM	0.2607 mL	1.3037 mL	2.6075 mL
50 mM	0.0521 mL	0.2607 mL	0.5215 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

Barnes TR, et al. Amisulpride augmentation in clozapine-unresponsive schizophrenia (AMICUS): a double-blind, placebo-controlled, randomised trial of clinical effectiveness and cost-effectiveness. *Health Technol Assess.* 2017 Sep;21(49):1-56.

Herrstedt J, et al. Amisulpride in the prevention of nausea and vomiting induced by cisplatin-based chemotherapy: a dose-escalation study. *Support Care Cancer.* 2018 Jan;26(1):139-145.

Gan TJ, et al. Intravenous Amisulpride for the Prevention of Postoperative Nausea and Vomiting: Two Concurrent, Randomized, Double-blind, Placebo-controlled Trials. *Anesthesiology.* 2017 Feb;126(2):268-275.

Arora M, et al. Amisulpride Augmentation in Acute Catatonia. *Am J Ther.* 2017 Jul/Aug;24(4):e381-e385.

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