



LKT Laboratories, Inc.

Amisulpride

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Product Information

Product ID A5234

CAS No. 71675-85-9

Chemical Name

Synonym

Formula $C_{17}H_{27}N_3O_4S$

Formula Wt. 369.48

Melting Point 126-127°C

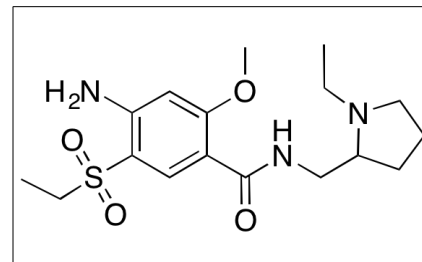
Purity ≥98%

Solubility Ethanol (1 mg/ml), DMSO (15 mg/ml), DMF (15 mg/ml)

Store Temp Ambient

Ship Temp Ambient

Description Amisulpride is an atypical antipsychotic that acts as an antagonist at 5-HT₇ receptors and D_{2/3} receptors. Amisulpride also exhibits neuroprotective activity, modulating β₂-arrestin signaling to increase phosphorylation of Akt and GSK-3β, increasing neurite outgrowth in vitro.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A5234	25 mg	\$92.00
A5234	100 mg	\$245.30
A5234	500 mg	\$755.50

References Meltzer HY. Serotonergic mechanisms as targets for existing and novel antipsychotics. *Handb Exp Pharmacol.* 2012;(212):87-124. PMID: 23129329.

Park SW, Seo MK, Cho HY, et al. Differential effects of amisulpride and haloperidol on dopamine D₂ receptor-mediated signaling in SH-SY5Y cells. *Neuropharmacology.* 2011 Sep;61(4):761-9. PMID: 21663752.

Möller HJ. Amisulpride: limbic specificity and the mechanism of antipsychotic atypicality. *Prog Neuropsychopharmacol Biol Psychiatry.* 2003 Oct;27(7):1101-11. PMID: 14642970.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.