



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 126-127C

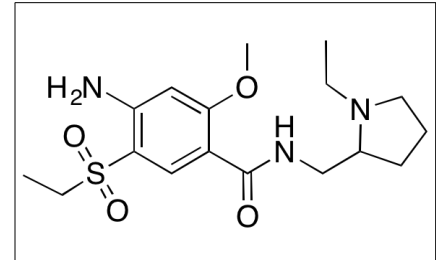
Purity $\geq 98\%$

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 β_2 -arrestin signaling to increase phosphorylation of Akt and GSK-3 β , increasing neurite outgrowth in vitro.



Bulk quantities available upon request

Product ID	Size
A5234	25 mg
A5234	100 mg
A5234	500 mg

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.