LKT Laboratories, Inc.

Amoxapine

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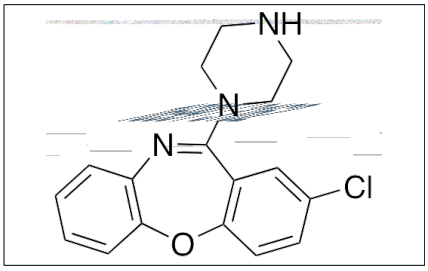
Product Information

Product ID A5059
CAS No. 14028-44-5
Chemical Name 8-chloro-6-piperazin-1-ylbenzo[b][1,4]benzoxazepine

Synonym

Formula $C_{17}H_{16}ClN_3O$
Formula Wt. 313.78
Melting Point 175.5C
Purity ≥98%
Solubility



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
A5059	250 mg	$122.70
A5059	1 g	$357.30
A5059	5 g	$663.50

Store Temp Ambient
Ship Temp Ambient

Description Amoxapine is a tricyclic antidepressant that acts as an antagonist at 5-HT2/3/6/7 receptors, D2/3/4 receptors, H1 histamine receptors, α1-adrenergic receptors, and also on the serotonin transporter (SERT) and norepinephrine transporter (NET). Amoxapine also acts as an antagonist at hERG K+ channels, potentially prolonging the cardiac QT interval. Amoxapine exhibits antidepressant, antipsychotic, and antibacterial activities. Amoxapine inhibits GABA- and NMDA-induced increases in intracellular Ca2+ levels and increases leu-enkephalin levels in vivo. This compound exhibits antibiotic activity through inhibition of bacterial β-glucuronidase.

References

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