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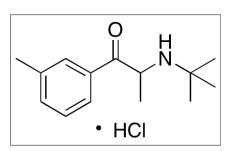
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Product Information

Product ID B8363 CAS No. 31677-93-7 Chemical Name

Synonym Wellbutrin

Formula C₁₃H₁₈CINO・HCI Formula Wt. 276.2 Melting Point 236.0-238.0 Purity ≥98% Solubility 50 mg/ml MeOH



Bulk quanitites available upon request

Product ID	Size
B8363	50 mg
B8363	250 mg
B8363	1 g

Store Temp Ambient

Ship Temp Ambient

Description Bupropion is an antidepressant that is also commonly used as a smoking cessation aid. This compound has additional therapeutic potential, as it promotes modest weight loss, shows efficacy as an ADHD treatment, and may also be an effective treatment for neuropathic pain. Bupropion is a DA and NE reuptake inhibitor, decreasing the firing rate of NE neurons due to activation of their inhibitory somatodendritic α2-adrenoreceptors by circulating NE; bupropion's effects on NE reuptake are somewhat stronger than its effects on DA reuptake. Additionally, bupropion is a noncompetitive antagonist at α3B2, α3B4, α4B2 nicotinic acetylcholine receptors (nAChRs), decreasing the probability of channel opening in closed nAChRs and accelerating desensitization in open nAChRs.

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