



LKT Laboratories, Inc.

Nefazodone Hydrochloride

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Product Information

Product ID N1822

CAS No. 82752-99-6

Chemical Name 2-[3-[4-(3-Chlorophenyl)-1-piperazinyl]propyl]-5-ethyl-2,4-dihydro-4-(2-phenoxyethyl)-3H-1,2,4-triazol-3-one hydrochloride

Synonym BMY-13754, MJ-13754-1, Dutonin, Serzone

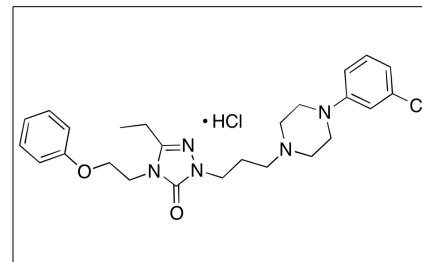
Formula C₂₅H₃₂ClN₅O₂ • HCl

Formula Wt. 506.48

Melting Point 186-187° C

Purity ≥98%

Solubility Slightly soluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
N1822	1 g	\$80.80
N1822	5 g	\$346.90
N1822	25 g	\$1104.40

Store Temp Ambient

Ship Temp Ambient

Description Nefazodone is an atypical antidepressant that inhibits 5-HT₂ receptors, serotonin transporters (SERT), norepinephrine transporters (NET), and human ether-a-go-go-related (hERG) K⁺ channels. Nefazodone decreases immobility time in the forced swim test and is clinically used to treat depression, panic disorder, and post-traumatic stress disorder (PTSD).

References Shin DS, Park MJ, Lee HA, et al. A novel assessment of nefazodone-induced hERG inhibition by electrophysiological and stereochemical method. *Toxicol Appl Pharmacol.* 2014 Feb 1;274(3):361-71. PMID: 24374264.

Clayton AH, Montejo AL. Major depressive disorder, antidepressants, and sexual dysfunction. *J Clin Psychiatry.* 2006;67 Suppl 6:33-7. PMID: 16848675.

Dremencov E, Gispán-Herman I, Rosenstein M, et al. The serotonin-dopamine interaction is critical for fast-onset action of antidepressant treatment: in vivo studies in an animal model of depression. *Prog Neuropsychopharmacol Biol Psychiatry.* 2004 Jan;28(1):141-7. PMID: 14687868.

Eckler JR, Rabin RA, Winter JC. Nefazodone in the rat: mimicry and antagonism of [-]-DOM-induced stimulus control. *Pharmacol Biochem Behav.* 2003 May;75(2):405-10. PMID: 12873632.

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