



LKT Laboratories, Inc.

Pizotyline Malate

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Product Information

Product ID P3597

CAS No. 5189-11-7

Chemical Name 4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4ylidene)-1-methylpiperidine

Synonym Pizotifen, Pizotifan, BC105

Formula $C_{19}H_{21}NS \cdot C_4H_6O_5$

Formula Wt. 429.54

Melting Point 185-186°C (dec)

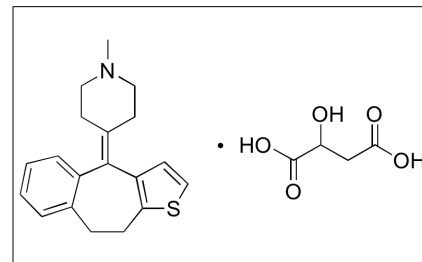
Purity ≥98%

Solubility Very slightly soluble in water. Slightly soluble in chloroform and ethanol.

Store Temp Ambient

Ship Temp Ambient

Description Pizotyline is a stimulant that acts as an antagonist at 5-HT_{2C} receptors and as a partial agonist at 5-HT_{1A} receptors. Pizotyline is clinically used to treat migraines, but also inhibits drug-induced lever press responding in drug discrimination models.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P3597	250 mg	\$58.90
P3597	1 g	\$122.50
P3597	5 g	\$353.20
P3597	10 g	\$565.10

References Young R, Khorana N, Bondareva T, et al. Pizotyline effectively attenuates the stimulus effects of N-methyl-3,4-methylenedioxyamphetamine (MDMA). *Pharmacol Biochem Behav.* 2005 Oct;82(2):404-10. PMID: 16253319.

Strachan AT, Leiper JB, Maughan RJ. Serotonin_{2C} receptor blockade and thermoregulation during exercise in the heat. *Med Sci Sports Exerc.* 2005 Mar;37(3):389-94. PMID: 15741836.

Newman-Tancredi A, Conte C, Chaput C, et al. Agonist activity of antimigraine drugs at recombinant human 5-HT_{1A} receptors: potential implications for prophylactic and acute therapy. *Naunyn Schmiedeberg Arch Pharmacol.* 1997 Jun;355(6):682-8. PMID: 9205951.

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