



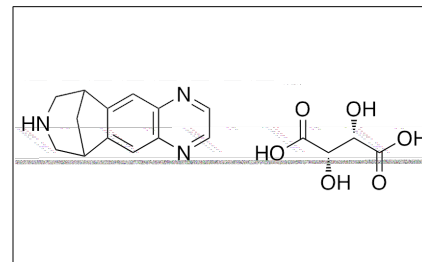
LKT Laboratories, Inc.

Varenicline Tartrate

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Product Information

Product ID V0369
CAS No. 375815-87-5
Chemical Name 6,7,8,9-tetrahydro-6,10-methano-6H-pyrazino(2,3-h)benzazepine
Synonym Varenicline(Tartrate); Champix; CP 526555-18; Varenicline TaTRate
Formula $C_{13}H_{13}N_3 \cdot C_4H_6O_6$
Formula Wt. 361.35
Melting Point
Purity $\geq 99\%$
Solubility



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V0369	5 mg	\$84.30
V0369	10 mg	\$150.90
V0369	25 mg	\$301.70
V0369	100 mg	\$1006.20

Store Temp Ambient
Ship Temp Ambient

Description Varenicline (VCL) is a modulator of nicotinic acetylcholine receptors (nAChRs) that acts as a partial agonist at $\alpha 4\beta 2$ and $\alpha 6\beta 2$ nAChRs and a full agonist at homomeric $\alpha 7$ nAChRs; VCL may also display agonist activity at $\beta 4$ nAChR subunits. This compound displays neuromodulatory, cognition enhancing, analgesic, and reward and reinforcement modulating activities. VCL is clinically used as a smoking cessation therapy and is currently under examination as a treatment to decrease alcohol consumption as well. Like other nicotinic agonists, VCL exhibits some cognitive benefit, enhancing working memory in primate models. This compound also induces an analgesic effect in animal models of chronic pain undergoing the formalin test.

References Hendrickson LM, Guildford MJ, Tapper AR. Neuronal nicotinic acetylcholine receptors: common molecular substrates of nicotine and alcohol dependence. *Front Psychiatry*. 2013 Apr 30;4:29. PMID: 23641218.

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