



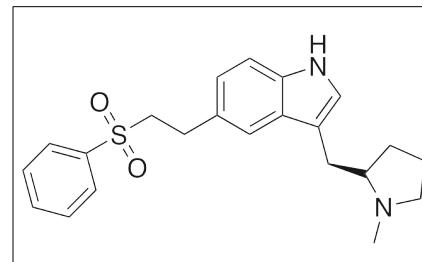
LKT Laboratories, Inc.

Eletriptan, Free Base

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Product Information

Product ID E4419
CAS No. 143322-58-1
Chemical Name 3-[[[(2R)-1-methylpyrrolidin-2-yl]methyl]-5-(2-phenylsulfonyl)ethyl]-1H-indole
Synonym UK116044
Formula C₂₂H₂₆N₂O₂S
Formula Wt. 382.52
Melting Point
Purity ≥90%
Solubility



Bulk quantities available upon request

Product ID	Size
E4419	1 mg
E4419	5 mg

Store Temp Ambient
Ship Temp Ambient

Description Eletriptan is a neuromodulator that acts as an agonist at 5-HT_{1B/1D} receptors and has selectivity for cranial arteries. Eletriptan is commonly used to treat acute migraines. Eletriptan inhibits activation of the trigeminovascular system, preventing nausea and emesis in vivo. Additionally, eletriptan may induce vasoconstriction of thoracic blood vessels, causing chest symptoms after administration.

References Almas M, Tepper SJ, Landy S, et al. Consistency of eletriptan in treating migraine: Results of a randomized, within-patient multiple-dose study. *Cephalalgia*. 2013 Dec 19. [Epub ahead of print]. PMID: 23946318.

Sandrini G, Perrotta A, Tassorelli C, et al. Eletriptan. *Expert Opin Drug Metab Toxicol*. 2009 Dec;5(12):1587-98. PMID: 19929447.

Wackenfors A, Jarvius M, Ingemansson R, et al. Triptans induce vasoconstriction of human arteries and veins from the thoracic wall. *J Cardiovasc Pharmacol*. 2005 May;45(5):476-84. PMID: 15821444.

Hoskin KL, Lambert GA, Donaldson C, et al. The 5-hydroxytryptamine_{1B/1D/1F} receptor agonists eletriptan and naratriptan inhibit trigeminovascular input to the nucleus tractus solitarius in the cat. *Brain Res*. 2004 Feb 13;998(1):91-9. PMID: 14725972.

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