

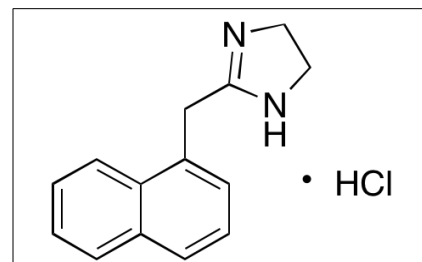


LKT Laboratories, Inc.
Naphazoline Hydrochloride

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Product Information

Product ID N0262
CAS No. 550-99-2
Chemical Name 4,5-Dihydro-2-(1-naphthalenylmethyl)-1H-imidazole hydrochloride
Synonym Ak-Con, Clera, Naphcon, Rhinantin, Sanorin, Strictylon
Formula C₁₄H₁₄N₂ • HCl
Formula Wt. 246.74
Melting Point 255-260° C
Purity ≥97%
Solubility Freely soluble in water and alcohol.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
N0262	25 g	\$68.00
N0262	100 g	\$195.00

Store Temp 4° C

Ship Temp Ambient

Description Naphazoline is an agonist at α₁-adrenergic receptors that is clinically used to treat congestion and ocular pathologies such as myasthenic blepharoptosis; it acts as a sympathomimetic and vasoconstrictor. Naphazoline inhibits erythroid differentiation and erythroleukemia cell growth through the induction of autophagy and necrotic cell death.

References Fuchs R, Schraml E, Leitinger G, et al. α₁-Adrenergic drugs modulate differentiation and cell death of human erythroleukemia cells through non adrenergic mechanism. *Exp Cell Res*. 2011 Oct 1;317(16):2239-51. PMID: 21781962.

Nagane Y, Utsugisawa K, Suzuki S, et al. Topical naphazoline in the treatment of myasthenic blepharoptosis. *Muscle Nerve*. 2011 Jul;44(1):41-4. PMID: 21491460.

Rikimaru T. Therapeutic management of endobronchial tuberculosis. *Expert Opin Pharmacother*. 2004 Jul;5(7):1463-70. PMID: 15212597.

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