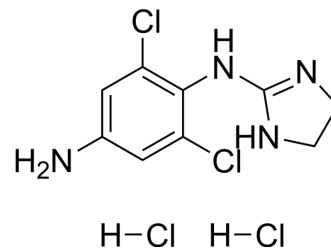


Apraclonidine dihydrochloride

Cat. No.:	HY-12720B
CAS No.:	73217-88-6
Molecular Formula:	C ₉ H ₁₂ Cl ₄ N ₄
Molecular Weight:	318.03
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Apraclonidine (ALO 2145) dihydrochloride, a selective α_2 and weak α_1 receptor agonist activity, effectively low intraocular pressure (IOP) in eyes. Apraclonidine dihydrochloride is a topical ophthalmic solution^{[1][2]}.

CUSTOMER VALIDATION

- Anal Chim Acta. 2023 Jul 31 341673.
- Anal Lett. 2022: 1-11.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Wijemanne S, et al. Apraclonidine in the treatment of ptois. J Neurol Sci. 2017 May 15;376:129-132.
- [2]. Searles RV, et al. Aqueous humor dynamics in anesthetized rats infused with intracameral apraclonidine. Pharmacology. 1999 Apr;58(4):220-6.
- [3]. Hayasaka Y, et al. Effects of topical antiglaucoma eye drops on prostaglandin E(2)-induced aqueous flare elevation in pigmented rabbits. Invest Ophthalmol Vis Sci. 2002 Apr;43(4):1142-5.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA