

Chemical Properties

CC(C)NCC(=N)OCCOc1ccccc1C/C=C/C

Description	(E)-Alprenoxime is the isomer of the Alprenoxime which is a site-activated ocular β -blocker.
Targets(IC50)	Others
In vivo	Interspecies scaling considerations predict that the doses selected of Alprenoxime (1 and 5 mg/kg) are pharmacologically comparable or greater than doses used in rodent studies (2 and 6 mg/kg). More importantly, the prolonged ocular antihypertensive effects that are shown with 1% ophthalmic solutions indicate that the i.v. dose tested in the present study is likely to be more than two orders of magnitude greater than probable therapeutic doses.

	1mg	5mg	10mg
1 mM	3.8117 mL	19.0585 mL	38.117 mL
5 mM	0.7623 mL	3.8117 mL	7.6234 mL
10 mM	0.3812 mL	1.9059 mL	3.8117 mL
50 mM	0.0762 mL	0.3812 mL	0.7623 mL

Reference

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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