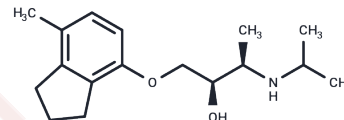


Zenidolol

Chemical Properties

CAS No. :	72795-26-7
Formula:	C17H27NO2
Molecular Weight:	277.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Zenidolol (ICI-118551), a selective β_2 adrenergic receptor antagonist, demonstrates inhibition of β_2 -, β_1 -, and β_3 -adrenergic receptors with K_i values of 0.7, 49.5, and 611 nM, respectively. It is employed as an ocular hypotensive agent in ophthalmic disease research.
Targets(IC50)	Others, Adrenergic Receptor
In vitro	Ascamycin has a selective antibacterial activity against Xanthomonas species and it has C2-chloroadenine as the base on C-1' which lacks the chlorine.[1] Xanthomonas citri is susceptible to Ascamycin by virtue of the Ascamycin-dealanylating enzyme on the cell surface, When Ascamycin is dealanylated, Dealanylascamycin shows a broad antibacterial activity against various Gram-negative and Gram-positive bacteria.[2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6049 mL	18.0245 mL	36.049 mL
5 mM	0.721 mL	3.6049 mL	7.2098 mL
10 mM	0.3605 mL	1.8025 mL	3.6049 mL
50 mM	0.0721 mL	0.3605 mL	0.721 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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