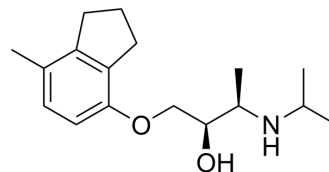


Zenidolol

Cat. No.:	HY-100543
CAS No.:	72795-26-7
Molecular Formula:	C ₁₇ H ₂₇ NO ₂
Molecular Weight:	277.4
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

Zenidolol (ICI-118551) is a selective β_2 adrenergic receptor antagonist. Zenidolol inhibits β_2 -, β_1 - and β_3 -adrenergic receptor with K_i values of 0.7, 49.5 and 611 nM, respectively. Zenidolol can be used as an ocular hypotensive agent used for ophthalmic disease research^[1].

CUSTOMER VALIDATION

- Nat Commun. 2023 May 2;14(1):2523.
- Nat Commun. 2021 Nov 26;12(1):6937.
- Nat Commun. 2020 Sep 25;11(1):4857.
- J Exp Med. 2023 Nov 6;220(11):e20230577.
- J Exp Clin Cancer Res. 2019 Apr 25;38(1):174.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Hoffmann C, et al. Comparative pharmacology of human beta-adrenergic receptor subtypes--characterization of stably transfected receptors in CHO cells. Naunyn Schmiedebergs Arch Pharmacol. 2004 Feb;369(2):151-9.

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

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