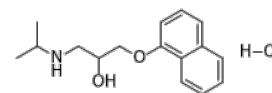


Product Name : Propranolol hydrochloride
Cat. No. : PC-28001
CAS No. : 318-98-9
Molecular Formula : $C_{16}H_{22}ClNO_2$
Molecular Weight : 295.81
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

Propranolol hydrochloride is a synthetic, nonselective beta-adrenergic receptor blocker (beta-blocker) with antianginal, antiarrhythmic, antihypertensive properties, competitively antagonizes beta-adrenergic receptors with K_i values of 1.8 nM and 0.8 nM for β_1 AR and β_2 AR respectively, induces negative chronotropic and inotropic effects.

References

Galandrin S, et al. Mol Pharmacol. 2006 Nov;70(5):1575-84.

Briley M, et al. Br J Pharmacol. 1980 Aug;69(4):669-73.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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