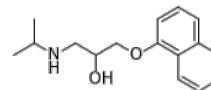


Product Name : Propranolol
Cat. No. : PC-28000
CAS No. : 525-66-6
Molecular Formula : C₁₆H₂₁NO₂
Molecular Weight : 259.35
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

Propranolol 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 β₁AR and β₂AR 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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