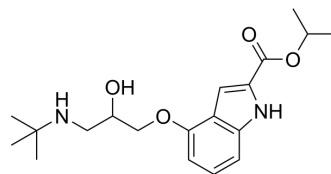


Carpindolol

Cat. No.:	HY-103199
CAS No.:	39731-05-0
Molecular Formula:	C ₁₉ H ₂₈ N ₂ O ₄
Molecular Weight:	348.44
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Carpindolol (SDZ21009) is a 5-HT _{1B} receptor antagonist (pK _D of 8.53 and pK _B of 8.0) and a 5-HT _{1D} receptor agonist (pEC ₅₀ of 5.91 and pK _D of 6.37) ^[1] .		
IC ₅₀ & Target	5-HT _{1B} Receptor 8.53 (pKd)	5-HT _{1D} Receptor 5.91 (pEC50)	5-HT _{1D} Receptor 6.37 (pKd)

REFERENCES

[1]. P Schoeffter, et al. 5-Hydroxytryptamine 5-HT_{1B} and 5-HT_{1D} receptors mediating inhibition of adenylate cyclase activity. Pharmacological comparison with special reference to the effects of yohimbine, rauwolfscine and some beta-adrenoceptor antagonists. Naunyn Schmiedebergs Arch Pharmacol. 1989 Sep;340(3):285-92.

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

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