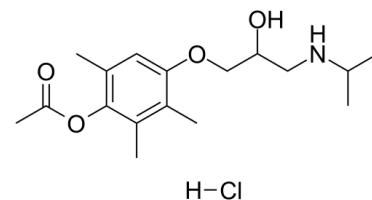


Data Sheet

Product Name:	Metipranolol hydrochloride
Cat. No.:	CS-0006289
CAS No.:	36592-77-5
Molecular Formula:	C ₁₇ H ₂₈ ClNO ₄
Molecular Weight:	345.86
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	DMSO : 100 mg/mL (289.13 mM; Need ultrasonic); H ₂ O : ≥ 100 mg/mL (289.13 mM)



BIOLOGICAL ACTIVITY:

Metipranolol hydrochloride is a non-selective **β adrenergic receptor** blocking agent. IC₅₀ & Target: β adrenergic receptor ^[1]. **In Vitro:** Metipranolol is used systemically for the treatment of arterial hypertension and topically for the management of glaucoma^[1].

References:

[1]. Wolf S, et al. Acute effect of metipranolol on the retinal circulation. Br J Ophthalmol. 1998 Aug;82(8):892-6.

CAIndexNames:

Phenol, 4-[2-hydroxy-3-[(1-methylethyl)amino]propoxy]-2,3,6-trimethyl-, 1-acetate, hydrochloride (1:1)

SMILES:

CC1=C(OC(C)=O)C(C)=C(C)C(OCC(O)CNC(C)C)=C1.[H]Cl

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA