

Product Name	: Bevantolol hydrochloride
Synonyms	: NC-1400 hydrochloride
Cat No.	: M21186
CAS Number	: 42864-78-8
Molecular Formula	: C ₂₀ H ₂₈ ClNO ₄
Formula Weight	: 381.9
Chemical Name	: —
Description	Bevantolol hydrochloride is a β 1-adrenoceptor antagonist that treatment angina pectoris and hypertension. (In Vitro): Bevantolol hydrochloride has a pK _i of 6.23 for β 2-adrenergic receptor. (In Vivo): Bevantolol hydrochloride (200 mg/kg; PO by water; for 6 weeks) produces a significant decrease in the expression level of β 1 adrenoceptor mRNA.
Pathway	: Angiogenesis
Target	: Adrenergic Receptor
Receptor	: β 1-adrenoceptor
Solubility	: DMSO: 76 mg/mL (199.01 mM) Ethanol: 61 mg/mL (159.73 mM) H ₂ O: 52 mg/mL (136.16 mM)
SMILES	: <chem>COc1ccc(CCNCC(O)COc2cccc(C)c2)cc1OC.Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Noshiro T, Miura Y, Yoshinaga K et al. Clinical evaluation of bevantolol hydrochloride in patients with severe hypertension. The Cooperative Study Group on Bevantolol in Japan [J]. International Journal of Clinical Pharmacology & Therapeutics 1995 33(4):240-245.