

Product Name : Zinterol

Synonyms : MJ 9184

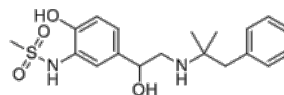
Cat No. : M14273

CAS Number : 37000-20-7

Molecular Formula : C₁₉H₂₆N₂O₄S

Formula Weight : 378.49

Chemical Name : N-[5-[2-[(1,1-Dimethyl-2-phenylethyl)amino]-1-hydroxyethyl]-2-hydroxyphenyl]methanesulphonamide



Description : Zinterol (MJ 9184) is a potent and selective β_2 adrenoceptor agonist with pK_b of 8.3, displays >2 logs selectivity over β_1 (pK_b<5.7); reduces response rate and increases reinforcement rate of rats under a differential-reinforcement-of-low-rate schedule in a dose-dependent manner; significant decreases in response rate and increases in reinforcement rate were observed at doses of 0.1-1 mg/kg.

Pathway : Angiogenesis

Target : Adrenergic Receptor

Receptor : Adrenergic Receptor

Solubility : —

SMILES : CC(C)(CC1=CC=CC=C1)NCC(C2=CC(=C(C=C2)O)NS(=O)(=O)C)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Skeberdis VA, et al. J Pharmacol Exp Ther. 1997 Nov;283(2):452-61. | 2. Hutchinson DS, et al. Naunyn Schmiedebergs Arch Pharmacol. 2006 May;373(2):158-68. | 3. O'Donnell JM. Psychopharmacology (Berl). 1993;113(1):89-94.