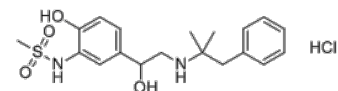


Product Name : Zinterol hydrochloride
Cat. No. : PC-62003
CAS No. : 38241-28-0
Molecular Formula : C₁₉H₂₇ClN₂O₄S
Molecular Weight : 414.945
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

Zinterol (MJ 9184) hydrochloride is a potent and selective **β₂ adrenoceptor** agonist with pK_b of 8.3, displays >2 logs selectivity over β₁ (pK_b<5.7).

Zinterol reduces response rate and increases reinforcement rate of rats under a differential-reinforcement-of-low-rate schedule in a dose-dependent manner.

Zinterol significant decreases in response rate and increases in reinforcement rate were observed at doses of 0.1-1 mg/kg.

References

Skeberdis VA, et al. J Pharmacol Exp Ther. 1997 Nov;283(2):452-61.

Hutchinson DS, et al. Naunyn Schmiedebergs Arch Pharmacol. 2006 May;373(2):158-68.

O'Donnell JM. Psychopharmacology (Berl). 1993;113(1):89-94.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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