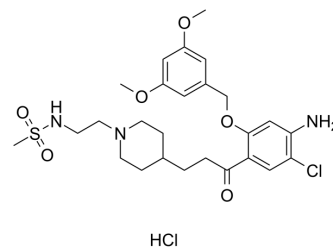


RS 39604

Cat. No.:	HY-101343
CAS No.:	167710-87-4
Molecular Formula:	C ₂₆ H ₃₇ Cl ₂ N ₃ O ₆ S
Molecular Weight:	590.56
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	RS 39604 is a potent, selective, and orally active 5-HT ₄ receptor antagonist with a pK _i of 9.1 in guinea pig striatal membranes. RS 39604 displays a low affinity (pK _i <6.5) for 5-HT _{1A} , 5-HT _{2C} , 5-HT ₃ , α _{1C} , D ₁ , D ₂ , M ₁ , M ₂ , AT ₁ , B ₁ and opioid mu receptors and moderate affinity for δ ₁ , (pK _i =6.8) and δ ₂ (pK _i =7.8) sites ^[1] .
IC ₅₀ & Target	5-HT ₄ Receptor 9.1 (pKi)

REFERENCES

[1]. Hegde SS, et al. RS 39604: a potent, selective and orally active 5-HT₄ receptor antagonist. Br J Pharmacol. 1995;115(6):1087-1095.

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

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