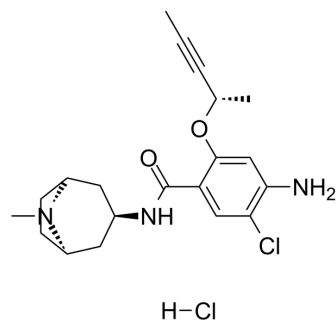


E-3620

Cat. No.:	HY-19199
CAS No.:	151213-86-4
Molecular Formula:	C ₂₀ H ₂₇ Cl ₂ N ₃ O ₂
Molecular Weight:	412.35
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)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (242.51 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4251 mL	12.1256 mL	24.2512 mL
	5 mM	0.4850 mL	2.4251 mL	4.8502 mL
	10 mM	0.2425 mL	1.2126 mL	2.4251 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

E-3620 is a potent 5-HT₃ receptor antagonist. E-3620 can be used for the research of dyskinesia and gastrointestinal motility [1][2].

IC₅₀ & Target

5-HT₃ Receptor

REFERENCES

[1]. George Peter Arthur Rice. 5-HT₃ receptor antagonists for dyskinesia. CA2231887A1.

[2]. Edwin Bernard Villhauer, et al. Combination of dipeptidyl peptidase IV (DPP-IV) inhibitors and compounds modulating 5-HT₃ and/or 5-HT₄ receptors for therapeutic use. WO2006005613A1.

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

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