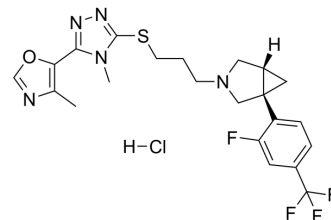


(-)-GSK598809 hydrochloride

Cat. No.:	HY-19654C
CAS No.:	863766-31-8
Molecular Formula:	C ₂₂ H ₂₄ ClF ₄ N ₅ OS
Molecular Weight:	517.97
Target:	Dopamine 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 : 125 mg/mL (241.33 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9306 mL	9.6531 mL	19.3061 mL
	5 mM	0.3861 mL	1.9306 mL	3.8612 mL
	10 mM	0.1931 mL	0.9653 mL	1.9306 mL

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

BIOLOGICAL ACTIVITY

Description

(-)-GSK598809 is an isomer of GSK598809. GSK598809 is a potent and selective dopamine D₃ Receptor (DRD₃) antagonist.

IC₅₀ & Target

D₃ Receptor

REFERENCES

[1]. Appel NM, et al. Dopamine D₃ Receptor Antagonist (GSK598809) Potentiates the Hypertensive Effects of Cocaine in Conscious, Freely-Moving Dogs. J Pharmacol Exp Ther. 2015 Sep;354(3):484-92.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA