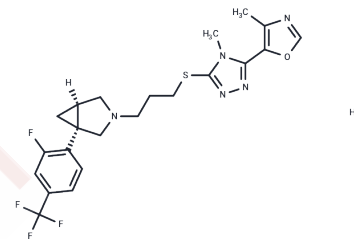


(-)-GSK598809 hydrochloride

Chemical Properties

CAS No. :	863766-31-8
Formula:	C ₂₂ H ₂₄ ClF ₄ N ₅ O ₅
Molecular Weight:	517.97
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(-)-GSK598809 hydrochloride is the isomer of GSK598809. GSK598809 is a selective antagonist of the dopamine D3 receptor (DRD3), which is a neural response that selectively enhances reward anticipation in drug and alcohol dependence during monetary policy and may repair reward deficits in substance dependence.
Targets(IC50)	Dopamine Receptor

Solubility Information

Solubility	DMSO: 60 mg/mL (115.84 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0386 mL	0.1931 mL	0.3861 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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;354(3):484-492.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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