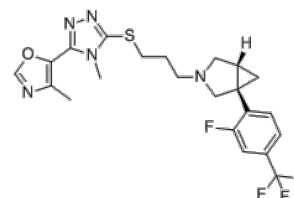


Product Name : (-)-GSK598809
Cat. No. : PC-49576
CAS No. : 863680-46-0
Molecular Formula : C₂₂H₂₃F₄N₅OS
Molecular Weight : 481.51
Target : Dopamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

GSK598809 (GSK-598809) is a potent, selective **dopamine D(3) receptor** antagonist with K_i value of 6.2 nM, >100-fold selectivity over D2 receptor.

GSK598809 increased the hemodynamic effect of cocaine on hemodynamics and cardiac function in freely-moving, telemetered dogs.

GSK598809 selectively enhanced neural response during monetary reward anticipation in drug and alcohol dependence.

References

Searle G, et al. Biol Psychiatry. 2010 Aug 15;68(4):392-9.

Appel NM, et al. J Pharmacol Exp Ther. 2015 Sep;354(3):484-92.

Mugnaini M, et al. Neuropsychopharmacology. 2013 Jan;38(2):302-12.

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

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