



Rapastinel Trifluoroacetate

Catalog No: tcsc0040824

Available Sizes
Size: 1mg
Size: 5mg
Size: 10mg
Size: 25mg
Specifications
CAS No: 1435786-04-1
Formula: $C_{20}^{H}_{32}^{F}_{3}^{N}_{5}^{O}_{8}$
Pathway: Membrane Transporter/Ion Channel;Neuronal Signaling
Target: iGluR;iGluR
Purity / Grade: >98%
Solubility: DMSO : ≥ 310 mg/mL (587.69 mM)
Alternative Names: GLYX-13 Trifluoroacetate;Thr-Pro-Pro-Thr-NH2 Trifluoroacetate
Observed Molecular Weight: 527.49





Product Description

Rapastinel Trifluoroacetate is an **NMDA receptor** modulator with glycine-site partial agonist properties and currently in a phase II clinical development program as an adjunctive therapy for major depressive disorder.

IC50 & Target: NMDA receptor^[1]

In Vivo: Rapastinel Trifluoroacetate is an NMDA receptor modulator with glycine-site partial agonist properties and currently in a phase II clinical development program as an adjunctive therapy for major depressive disorder. Mice given Rapastinel Trifluoroacetate (1.0 mg/kg) prior to acute ketamine (30 mg/kg) show clear preference for novel compare to familiar objects (P[1]. Rapastinel Trifluoroacetate produces an antidepressant like effect in the USVs test, as indexed by an increase in hedonic 50-kHz USVs [F(1,20)=12.4, P0.05]^[2].

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!