

Rapastinel Trifluoroacetate

Catalog No: tcsc0040824



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 25mg



Specifications

CAS No:

1435786-04-1

Formula:

$C_{20}H_{32}F_3N_5O_8$

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:

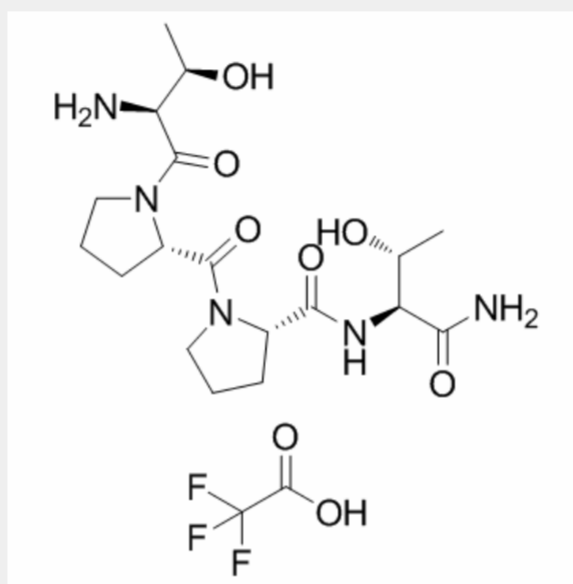
527.49

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!