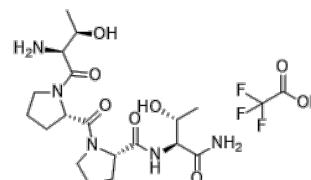


**Product Name** : Rapastinel trifluoroacetate  
**Cat. No.** : PC-22608  
**CAS No.** : 1435786-04-1  
**Molecular Formula** : C<sub>20</sub>H<sub>32</sub>F<sub>3</sub>N<sub>5</sub>O<sub>8</sub>  
**Molecular Weight** : 527.50  
**Target** : iGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

Rapastinel (GLYX-13, Thr-Pro-Pro-Thr-NH<sub>2</sub>) trifluoroacetate is a tetrapeptide (TPPT-amide) that acts as a NMDA receptor glycine site partial agonist.

Rapastinel readily crosses the blood-brain barrier and modulates the NMDA receptor.

Rapastinel shows potent cognitive-enhancing properties in a valid in vivo model of learning.

## References

Moskal JR, et al. *Neuropharmacology*. 2005 Dec;49(7):1077-87.

Zhang XL, et al. *Neuropharmacology*. 2008 Dec;55(7):1238-50.

Burgdorf J, et al. *Neurobiol Aging*. 2011 Apr;32(4):698-706.

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

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