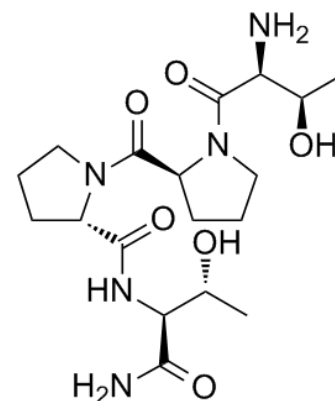


Product Name : Rapastinel
Cat. No. : PC-45064
CAS No. : 117928-94-6
Molecular Formula : C₁₈H₃₁N₅O₆
Molecular Weight : 413.4686
Target : iGluR
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

A tetrapeptide (TPPT-amide) that acts as a NMDA receptor glycine site partial agonist; readily crosses the blood-brain barrier and modulates the NMDA receptor, shows potent cognitive-enhancing properties in a valid in vivo model of learning.

Depression

Phase 3 Clinical

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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