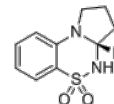


Product Name : S-18986
Cat. No. : PC-61703
CAS No. : 175340-20-2
Molecular Formula : C₁₀H₁₂N₂O₂S
Molecular Weight : 224.28
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

S-18986 is an orally bioavailable and BBB penetrant positive allosteric modulator of **AMPA receptors**. S-18986 has nootropic and neuroprotective effects in animal studies, and induces both production of BDNF and AMPA-mediated release of noradrenaline and acetylcholine in the hippocampus and frontal cortex of the brain.

References

- Lockhart B, et al. Eur J Pharmacol. 2000 Aug 4;401(2):145-53.
Lebrun C, et al. Eur J Pharmacol. 2000 Aug 4;401(2):205-12.
Rosi S, et al. Neurosci Lett. 2004 May 6;361(1-3):120-3.

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

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