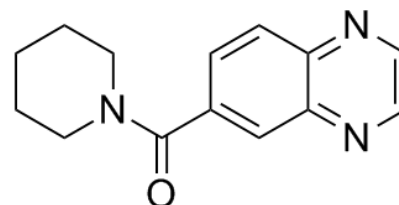


Product Name : Ampalex
Cat. No. : PC-42743
CAS No. : 154235-83-3
Molecular Formula : C₁₄H₁₅N₃O
Molecular Weight : 241.2884
Target : iGluR
Solubility : DMSO: ≥ 41 mg/mL



Biological Activity

A positive allosteric modulator of AMPAR; increases fast, excitatory (glutamatergic) synaptic responses in hippocampal slices by about 50% with an EC₅₀ of 170 μM; increases the potency of the glutamate concentration-response profile by 3-fold.

References

- Arai A, et al. J Pharmacol Exp Ther. 1996 Aug;278(2):627-38.
Hampson RE, et al. J Neurosci. 1998 Apr 1;18(7):2740-7.
Baumbarger PJ, et al. J Pharmacol Exp Ther. 2001 Jul;298(1):86-102.

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

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