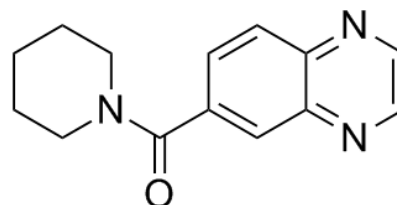


Product Name : Ampalex
Cat. No. : PC-42743
CAS No. : 154235-83-3
Molecular Formula : C₁₄H₁₅N₃O
Molecular Weight : 241.2884
Target : iGluR
Solubility : DMSO: ≥ 41 mg/mL



Biological Activity

Ampalex (CX516) is a positive allosteric modulator of **AMPA**, increases fast, excitatory (glutamatergic) synaptic responses in hippocampal slices by about 50% with an EC₅₀ of 170 uM.

Ampalex (CX516) 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!

E-mail: tech@probechem.com