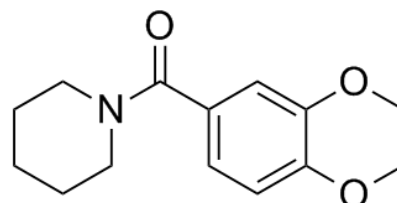


**Product Name** : CX546  
**Cat. No.** : PC-43074  
**CAS No.** : 215923-54-9  
**Molecular Formula** : C<sub>14</sub>H<sub>17</sub>NO<sub>3</sub>  
**Molecular Weight** : 247.2897  
**Target** : iGluR  
**Solubility** : 10 mM in DMSO



### Biological Activity

CX546 is an **AMPA receptor** potentiator and GluR activator, binds specifically to the agonist bound non-desensitized receptor.

CX546 enhances cognitive function in rats, demonstrates neuroprotective in mice undergoing repeat ketamine anesthesia.

### References

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Lauterborn JC, et al. J Neurosci. 2000 Jan 1;20(1):8-21.

Bahr BA, et al. Exp Neurol. 2002 Mar;174(1):37-47.

Leever JD, et al. Mol Pharmacol. 2003 Jul;64(1):5-10.

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

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