

# Ampalex

**Catalog No: tcsc1086**



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg

**Size:** 200mg



## Specifications

**CAS No:**

154235-83-3

**Formula:**

$C_{14}H_{15}N_3O$

**Pathway:**

Membrane Transporter/Ion Channel;Neuronal Signaling

**Target:**

iGluR;iGluR

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq$  41 mg/mL (169.92 mM)

**Alternative Names:**

CX516;BDP 12;Ampakine CX516

**Observed Molecular Weight:**

241.29

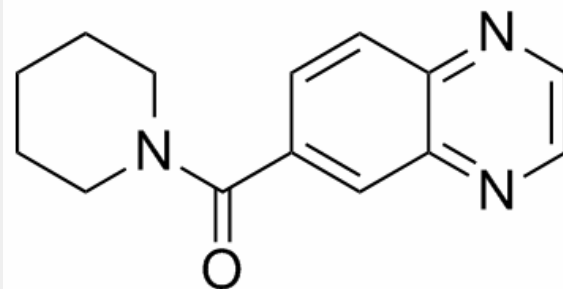
## Product Description

Ampalex (Ampakine CX516; CX516; BDP 12) is an ampakine and nootropic that acts as an AMPA receptor positive allosteric modulator as a treatment for Alzheimer's disease, schizophrenia and mild cognitive impairment (MCI).

IC50 value:

Target: AMPA receptor

Ampalex ameliorates functional deficits in AMPA receptors in a hippocampal slice model of protein accumulation. Researches suggest that AMPA receptors may be potential pharmaceutical targets for the treatment of neurodegenerative diseases, and highlights AMPAkinases, in particular, as possible therapeutic agents.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!