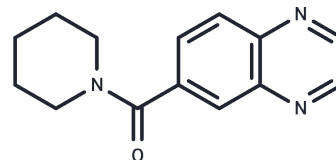


CX516

Chemical Properties

CAS No. : 154235-83-3
 Formula: C₁₄H₁₅N₃O
 Molecular Weight: 241.29
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CX516 (Ampalex), an ampakine and nootropic, acts as an AMPA receptor positive allosteric modulator as a therapy for Alzheimer's disease, schizophrenia and mild cognitive impairment (MCI).
Targets(IC50)	GluR,iGluR

Solubility Information

Solubility	DMSO: 50 mg/mL (207.22 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1444 mL	20.722 mL	41.4439 mL
5 mM	0.8289 mL	4.1444 mL	8.2888 mL
10 mM	0.4144 mL	2.0722 mL	4.1444 mL
50 mM	0.0829 mL	0.4144 mL	0.8289 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Broberg BV, et al. Psychopharmacology (Berl). 2009 Nov;206(4):631-40.

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