



Product Information

Product ID A5061

CAS No. 154235-83-3

Chemical Name

Synonym CX-516, BDP-12, Benzoyl-Piperidine-12, SPD-420

Formula C₁₄H₁₅N₃O

Formula Wt. 241.29

Melting Point

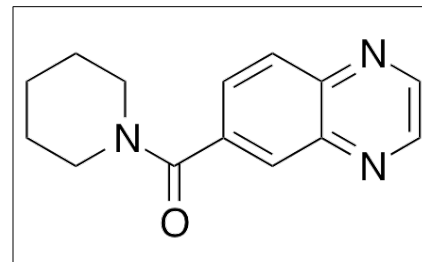
Purity ≥98%

Solubility H₂O: 5 mg/mL
DMSO 40 mg/ml

Store Temp -20°C

Ship Temp Ambient

Description Ampalex is a benzylpiperidine AMPA receptor potentiator. It exhibits antipsychotic activity and may also show cognition enhancing and neuroprotective benefits. Ampalex modulates fast synaptic plasticity and memory process in various models. This compound also improves cognitive function in animal models of schizophrenia.



Bulk quantities available upon request

Product ID	Size
A5061	1 mg
A5061	5 mg
A5061	10 mg
A5061	25 mg

References O'Neill MJ, Witkin JM. AMPA receptor potentiators: application for depression and Parkinson's disease. *Curr Drug Targets*. 2007 May;8(5):603-20. PMID: 17504104.

Olsen CK, Kreilgaard M, Didriksen M. Positive modulation of glutamatergic receptors potentiates the suppressive effects of antipsychotics on conditioned avoidance responding in rats. *Pharmacol Biochem Behav*. 2006 Jun;84(2):259-65. PMID: 16782180.

O'Neill MJ, Bleakman D, Zimmerman DM, et al. AMPA receptor potentiators for the treatment of CNS disorders. *Curr Drug Targets CNS Neurol Disord*. 2004 Jun;3(3):181-94. PMID: 15180479.

Danysz W. CX-516 (Cortex Pharmaceuticals Inc). *IDrugs*. 1999 Aug;2(8):814-22. PMID: 16127658.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.