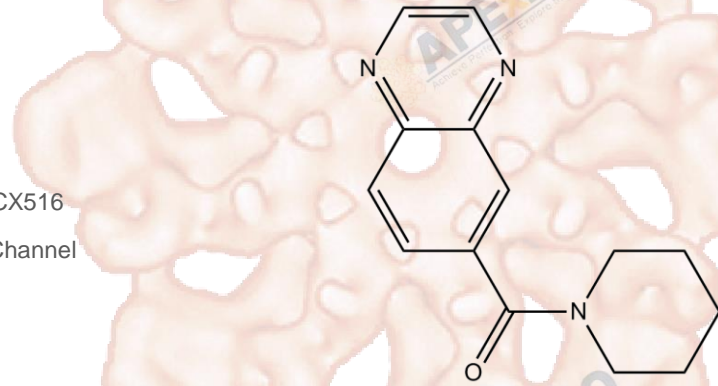


Product Data Sheet

Ampalex

Cat. No.:	A3176
CAS No.:	154235-83-3
Formula:	C ₁₄ H ₁₅ N ₃ O
M.Wt:	241.29
Synonyms:	CX516; BDP 12; Ampakine CX516
Target:	Membrane Transporter/Ion Channel
Pathway:	AMPA
Storage:	Store at -20°C



Solvent & Solubility

≥13.45 mg/mL in DMSO; ≥24.1 mg/mL in H₂O with gentle warming; ≥92 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	4.1444 mL	20.7220 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

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Ampakine and nootropic

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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