

Product Name: Carbamazepine Revision Date: 01/10/2021

Product Data Sheet

Carbamazepine

Cat. No.: B1390

CAS No.: 298-46-4

Formula: C15H12N2O

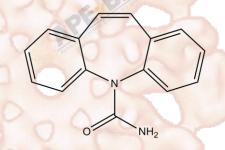
M.Wt: 236.27

Synonyms:

In Vitro

Target: Membrane Transporter/Ion Channel

Pathway: Sodium Channel
Storage: Store at -20°C



Solvent & Solubility

insoluble in H2O; \geq 10.85 mg/mL in DMSO; \geq 3.33 mg/mL in EtOH with ultrasonic

Mass Solvent 1mg 5mg 10mg Preparing Concentration Stock Solutions 1 mM 4.2324 mL 21.1622 mL 42.3245 mL 4.2324 mL 5 mM 8.4649 mL 0.8465 mL 10 mM 2.1162 mL 4.2324 mL 0.4232 mL1

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

Biological Activity

Shortsummary	Inhibitor of neuronal voltage-gated Na+ cha	annels	
IC ₅₀ & 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 APExBIO 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.

APExBIO Technology

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