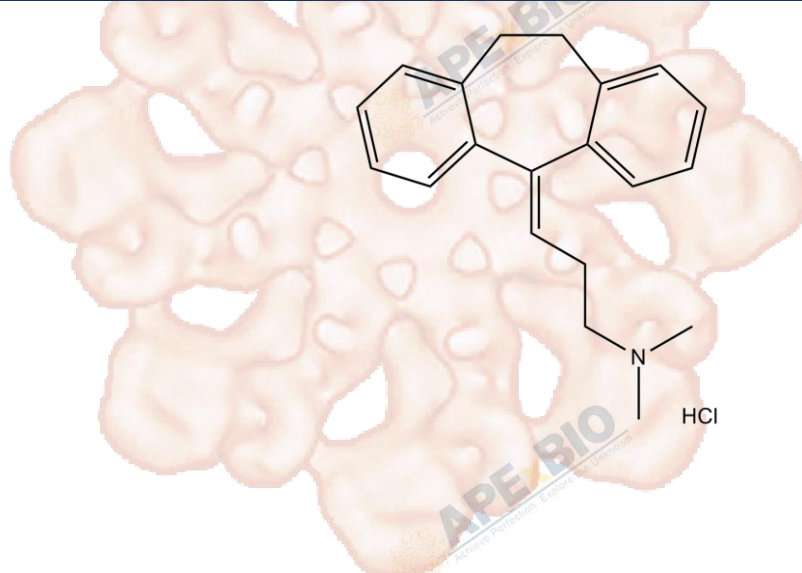


Product Data Sheet

Amitriptyline HCl

Cat. No.: B2231
CAS No.: 549-18-8
Formula: C₂₀H₂₃N·HCl
M.Wt: 313.86
Synonyms:
Target: Neuroscience
Pathway: 5-HT Receptor
Storage: Store at -20°C



Solvent & Solubility

≥15.69 mg/mL in DMSO; ≥43.9 mg/mL in H₂O; ≥50 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.1861 mL	15.9307 mL	31.8613 mL
	5 mM	0.6372 mL	3.1861 mL	6.3723 mL
	10 mM	0.3186 mL	1.5931 mL	3.1861 mL

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

Biological Activity

Shortsummary

Serotonin /norepinephrine receptor/5-HT₄/5-HT₂ inhibitor

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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