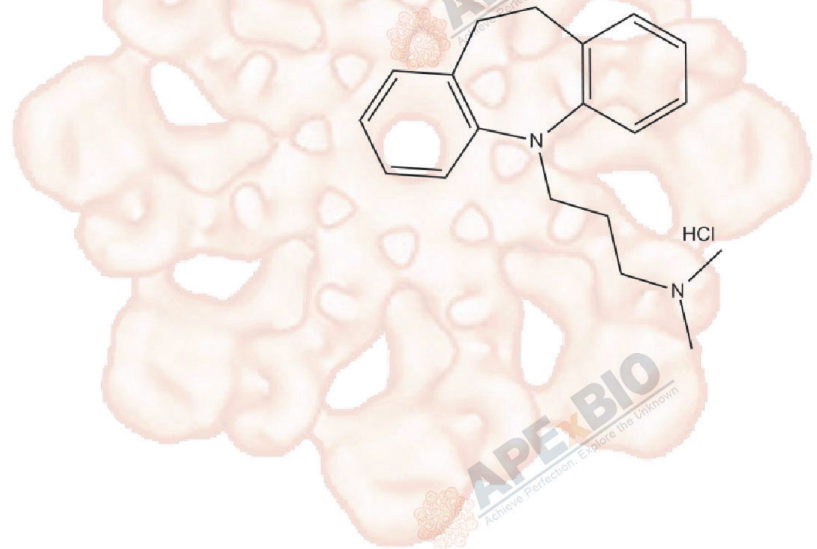


Product Data Sheet

Imipramine (hydrochloride)

Cat. No.:	C4117
CAS No.:	113-52-0
Formula:	C ₁₉ H ₂₄ N ₂ ·HCl
M.Wt:	316.9
Synonyms:	Melipramine, Tofranil
Target:	Neuroscience
Pathway:	5-HT Receptor
Storage:	Store at -20°C



Solvent & Solubility

≥ 12.5 mg/mL in DMSO; ≥ 22.3 mg/mL in H₂O; ≥ 22.9 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.1556 mL	15.7778 mL	31.5557 mL
	5 mM	0.6311 mL	3.1556 mL	6.3111 mL
	10 mM	0.3156 mL	1.5778 mL	3.1556 mL

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

Biological Activity

Shortsummary: serotonin and norepinephrine transporters 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 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.

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