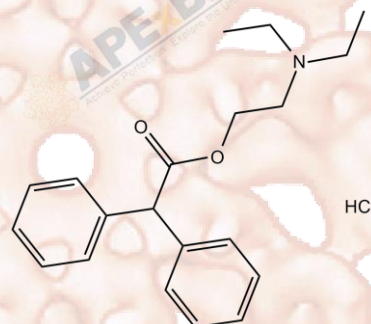


# Product Data Sheet

## Adiphenine HCl

**Cat. No.:** B1878  
**CAS No.:** 50-42-0  
**Formula:** C<sub>20</sub>H<sub>25</sub>NO<sub>2</sub>·HCl  
**M.Wt:** 347.88  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



## Solvent & Solubility

insoluble in EtOH;  $\geq 17.39$  mg/mL in DMSO;  $\geq 57.1$  mg/mL in H<sub>2</sub>O

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.8746 mL	14.3728 mL	28.7455 mL
		5 mM	0.5749 mL	2.8746 mL	5.7491 mL
		10 mM	0.2875 mL	1.4373 mL	2.8746 mL

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

## Biological Activity

Shortsummary

nicotinic receptor inhibitor

IC<sub>50</sub> & Target

In Vitro

**Cell Viability Assay**

Preparation method:

In Vivo

**Animal experiment**

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://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.

**APEx BIO Technology**

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