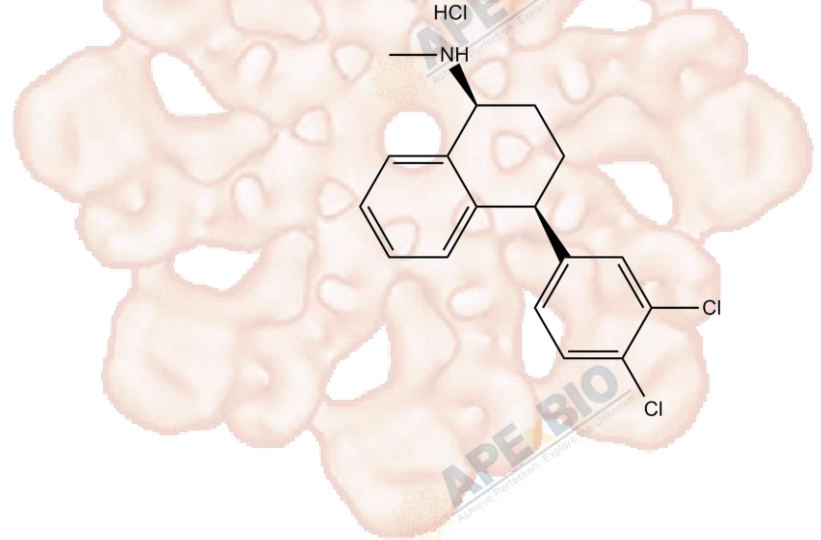


# Product Data Sheet

## Sertraline HCl

<b>Cat. No.:</b>	B2257
<b>CAS No.:</b>	79559-97-0
<b>Formula:</b>	C <sub>17</sub> H <sub>18</sub> Cl <sub>3</sub> N
<b>M.Wt:</b>	342.69
<b>Synonyms:</b>	
<b>Target:</b>	Neuroscience
<b>Pathway:</b>	SSRIs
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O;  $\geq 17.13$  mg/mL in DMSO;  $\geq 2.36$  mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass	Concentration		
			1mg	5mg	10mg
	<b>1 mM</b>		2.9181 mL	14.5904 mL	29.1809 mL
	<b>5 mM</b>		0.5836 mL	2.9181 mL	5.8362 mL
	<b>10 mM</b>		0.2918 mL	1.4590 mL	2.9181 mL

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

### Biological Activity

Shortsummary: selective serotonin re-uptake inhibitor (SSRI)

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 APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term 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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