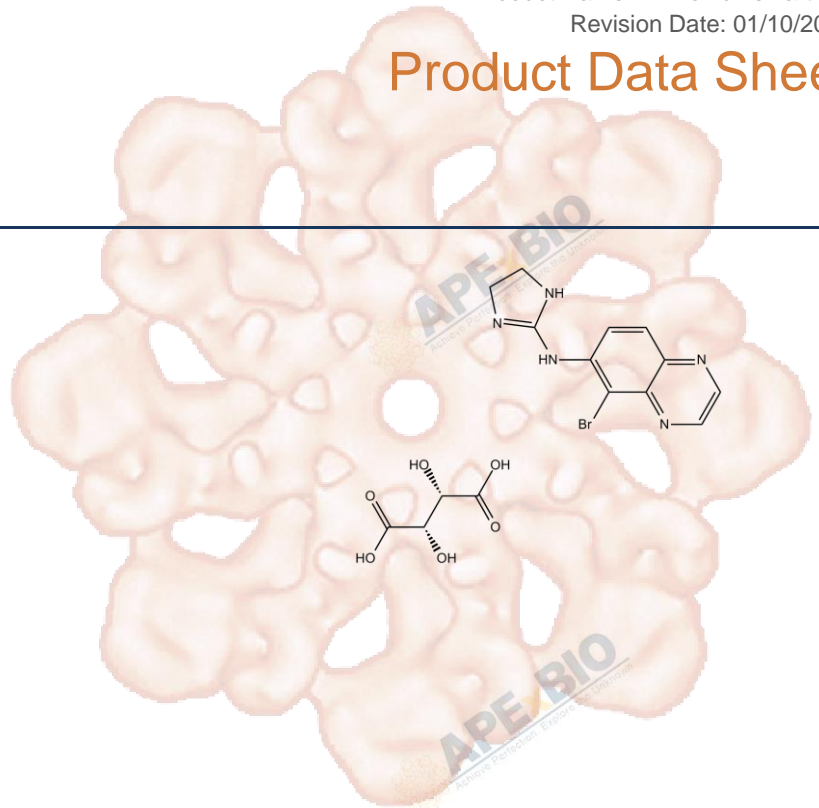


# Product Data Sheet

## Brimonidine Tartrate

**Cat. No.:** B1683  
**CAS No.:** 70359-46-5  
**Formula:** C<sub>15</sub>H<sub>16</sub>BrN<sub>5</sub>O<sub>6</sub>  
**M.Wt:** 442.22  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

≥22.11 mg/mL in DMSO; insoluble in EtOH; ≥10.14 mg/mL in H<sub>2</sub>O with ultrasonic

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	2.2613 mL	11.3066 mL	22.6132 mL
	5 mM	0.4523 mL	2.2613 mL	4.5226 mL
	10 mM	0.2261 mL	1.1307 mL	2.2613 mL

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

### Biological Activity

Shortsummary

Highly selective α-adrenergic receptor agonist

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**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

