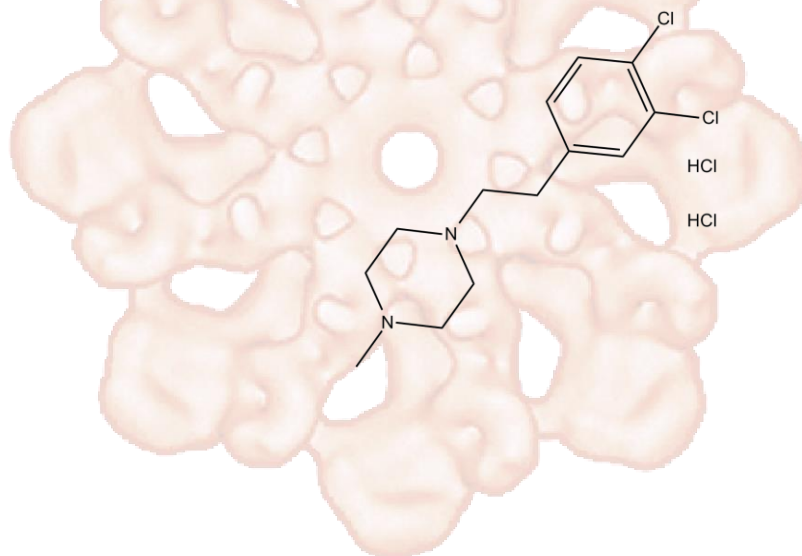


# Product Data Sheet

## BD 1063 dihydrochloride

<b>Cat. No.:</b>	B6489
<b>CAS No.:</b>	206996-13-6
<b>Formula:</b>	C <sub>13</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>2</sub> ·2HCl
<b>M.Wt:</b>	346.13
<b>Synonyms:</b>	
<b>Target:</b>	GPCR/G protein
<b>Pathway:</b>	Sigma Receptor
<b>Storage:</b>	Store at RT



## Solvent & Solubility

Soluble to 100 mM in sterile water

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		2.8891 mL	14.4454 mL	28.8909 mL
	5 mM		0.5778 mL	2.8891 mL	5.7782 mL
	10 mM		0.2889 mL	1.4445 mL	2.8891 mL

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

## Biological Activity

Shortsummary

 σ<sub>1</sub> receptor antagonist, potent and selective

 IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. Zhu J, Zang S, et al. "Involvement of the delayed rectifier outward potassium channel Kv2.1 in methamphetamine-induced neuronal apoptosis via the p38 mitogen-activated protein kinase signaling pathway." J Appl Toxicol. 2018 Jan 3. PMID:29297590

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. 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.*

**APEX BIO Technology**

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