

# Product Data Sheet

## Nitrotetrazolium Blue chloride

**Cat. No.:** B5943  
**CAS No.:** 298-83-9  
**Formula:** C<sub>40</sub>H<sub>30</sub>N<sub>10</sub>O<sub>6</sub>·2Cl  
**M.Wt:** 817.63  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

≥40.9 mg/mL in DMSO; ≥10 mg/mL in H<sub>2</sub>O; ≥2.98 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	1.2230 mL	6.1152 mL	12.2305 mL
	<b>5 mM</b>	0.2446 mL	1.2230 mL	2.4461 mL
	<b>10 mM</b>	0.1223 mL	0.6115 mL	1.2230 mL

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

### Biological Activity

Shortsummary

chromogenic substrate

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. 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.*

**APExBIO 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)

