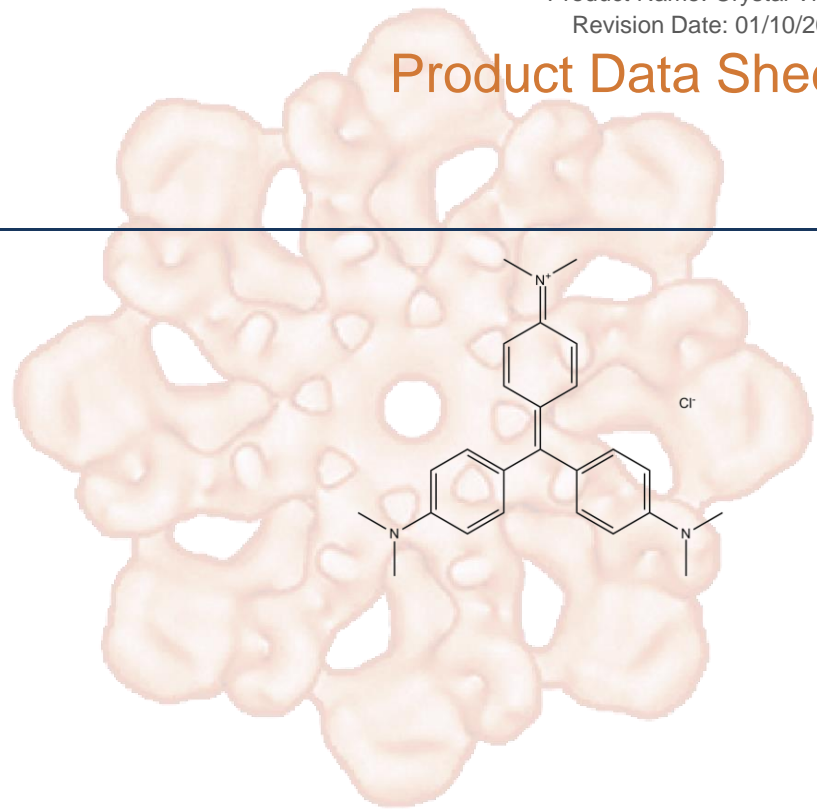


## Crystal Violet

**Cat. No.:** B1920  
**CAS No.:** 548-62-9  
**Formula:** C<sub>25</sub>H<sub>30</sub>CIN<sub>3</sub>  
**M.Wt:** 407.98  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



## Solvent & Solubility

≥ 19.65mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.4511 mL	12.2555 mL	24.5110 mL
	5 mM		0.4902 mL	2.4511 mL	4.9022 mL
	10 mM		0.2451 mL	1.2256 mL	2.4511 mL

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

## Biological Activity

Shortsummary

Used in staining cell nucleus, gram stain for differentiation of negative versus positive bacteria, antibacterial, antifungal, and anthelmintic

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. Cai Y, Jin H, et al. "Overexpression of TAFI promotes epithelial-mesenchymal transition in endometriosis." Eur Rev Med Pharmacol Sci. 2017Dec;21(24):5527-5533.PMID:29271982

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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