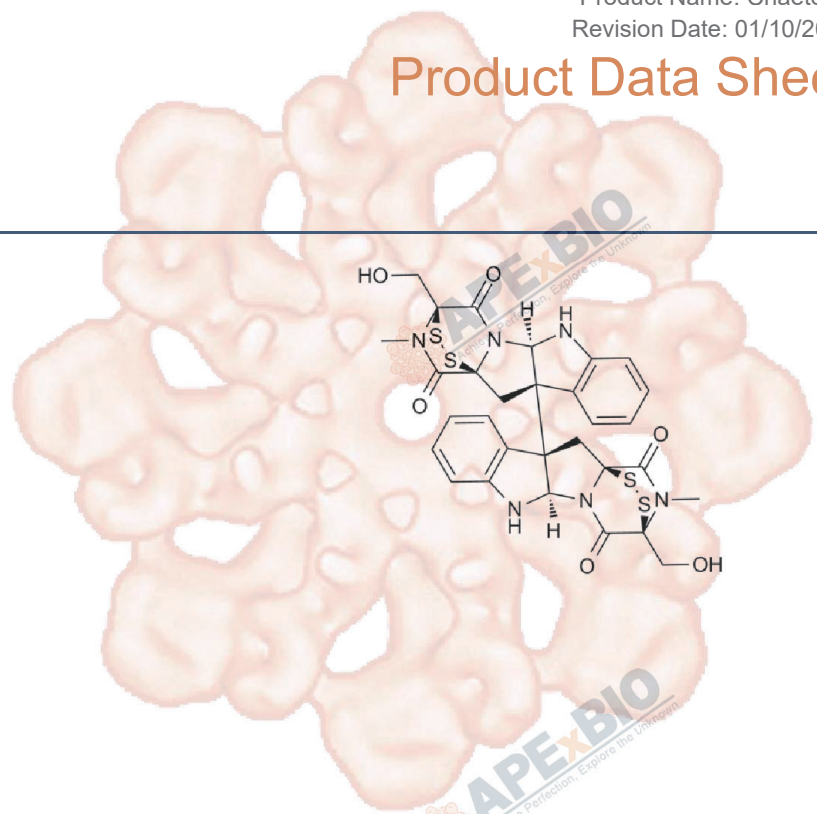


# Product Data Sheet

## Chaetocin

**Cat. No.:** A4502  
**CAS No.:** 28097-03-2  
**Formula:** C<sub>30</sub>H<sub>28</sub>N<sub>6</sub>O<sub>6</sub>S<sub>4</sub>  
**M.Wt:** 696.84  
**Synonyms:**  
**Target:** Chromatin/Epigenetics  
**Pathway:** Histone Methyltransferase  
**Storage:** Store at -20°C



### Solvent & Solubility

≥50.4 mg/mL in DMSO; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		1.4350 mL	7.1752 mL	14.3505 mL
	5 mM		0.2870 mL	1.4350 mL	2.8701 mL
	10 mM		0.1435 mL	0.7175 mL	1.4350 mL

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

### Biological Activity

Shortsummary

SUV39H1 Inhibitor

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**

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