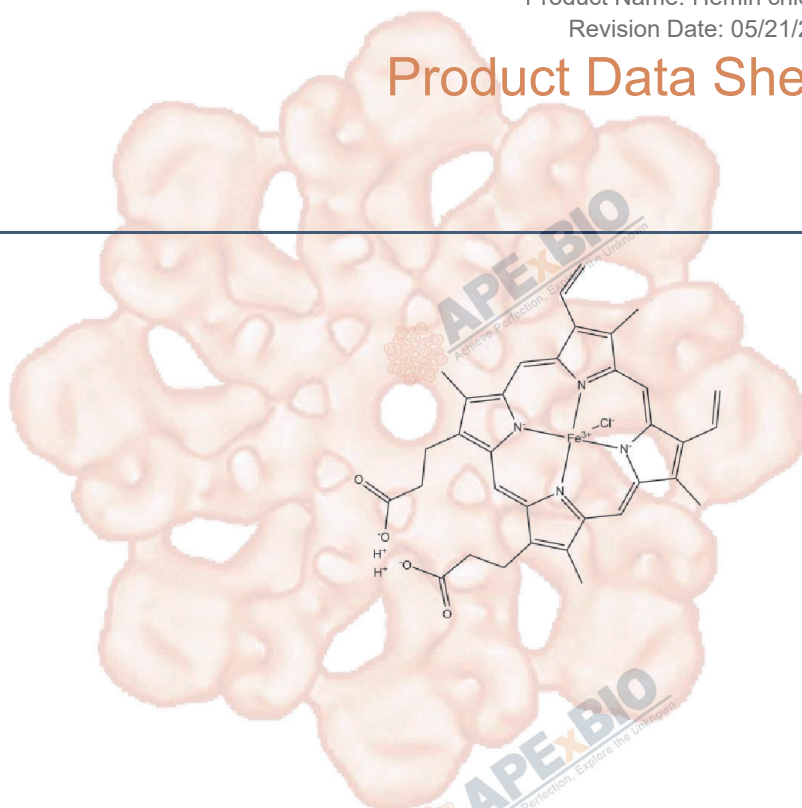


## Product Data Sheet

### Hemin chloride

Cat. No.:	C3984
CAS No.:	16009-13-5
Formula:	C <sub>34</sub> H <sub>30</sub> ClFeN <sub>4</sub> O <sub>4</sub> ·2H
M.Wt:	652.0
Synonyms:	
Target:	Others
Pathway:	eIF2α
Storage:	Store at 2-8°C



### Solvent & Solubility

≥26.5 mg/mL in DMSO; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	<div><div>Mass</div><div>Solvent</div><div>Concentration</div></div>	1mg	5mg	10mg
		1 mM	1.5337 mL	7.6687 mL	15.3374 mL
		5 mM	0.3067 mL	1.5337 mL	3.0675 mL
		10 mM	0.1534 mL	0.7669 mL	1.5337 mL

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

### Biological Activity

Shortsummary eukaryotic translation initiation factor 2α kinase 1 (eIF2αK1) 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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