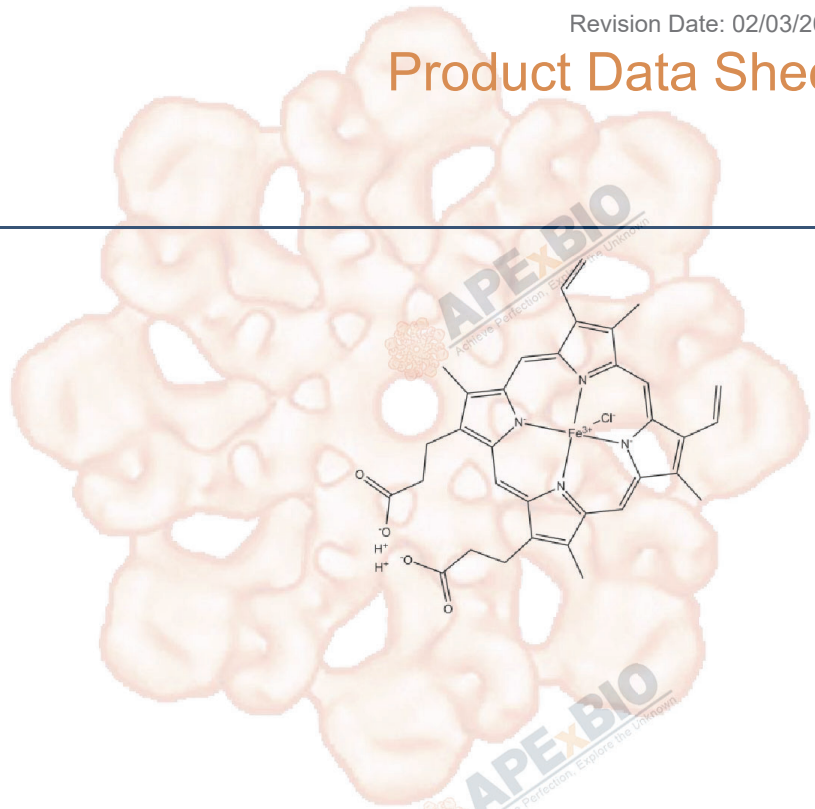


Product Data Sheet

Hemin chloride

| | |
|-----------|-------------------|
| Cat. No.: | C3984 |
| CAS No.: | 16009-13-5 |
| Formula: | C34H30ClFeN4O4·2H |
| M.Wt: | 652.0 |
| Synonyms: | |
| Target: | Others |
| Pathway: | eIF2a |
| Storage: | Store at 2-8°C |



Solvent & Solubility

≥26.5 mg/mL in DMSO; insoluble in EtOH; insoluble in H₂O

| In Vitro | Preparing Stock Solutions | Mass | | | |
|----------|---------------------------|-----------------------|-----------|-----------|------------|
| | | Solvent Concentration | 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 ₅₀ & Target | | |
| In Vitro | Cell Viability Assay | |
| | Preparation method: | |
| In Vivo | Animal experiment | |
| | Applications: | |

Product Citations

See more customer validations on 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.

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