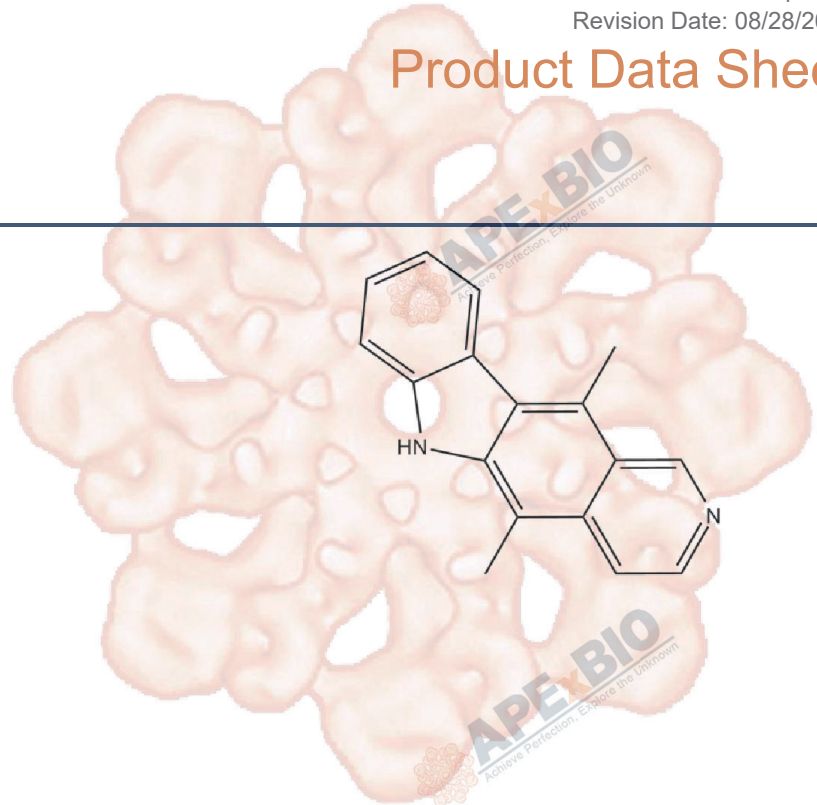


Product Data Sheet

Ellipticine

| | |
|------------------|--|
| Cat. No.: | B7382 |
| CAS No.: | 519-23-3 |
| Formula: | C ₁₇ H ₁₄ N ₂ |
| M.Wt: | 246.31 |
| Synonyms: | |
| Target: | DNA Damage/DNA Repair |
| Pathway: | Topoisomerase |
| Storage: | Store at -20°C |



Solvent & Solubility

≥24.6 mg/mL in DMSO with gentle warming; insoluble in EtOH; insoluble in H₂O

| In Vitro | Preparing Stock Solutions | Mass | | | |
|----------|---------------------------|-----------------------|-----------|------------|------------|
| | | Solvent Concentration | 1mg | 5mg | 10mg |
| | | 1 mM | 4.0599 mL | 20.2996 mL | 40.5992 mL |
| | | 5 mM | 0.8120 mL | 4.0599 mL | 8.1198 mL |
| | | 10 mM | 0.4060 mL | 2.0300 mL | 4.0599 mL |

Please refer to the solubility information to select the appropriate solvent

Biological Activity

| | | |
|---------------------------|--------------------------------|--|
| Shortsummary | DNA topoisomerase II 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 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

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