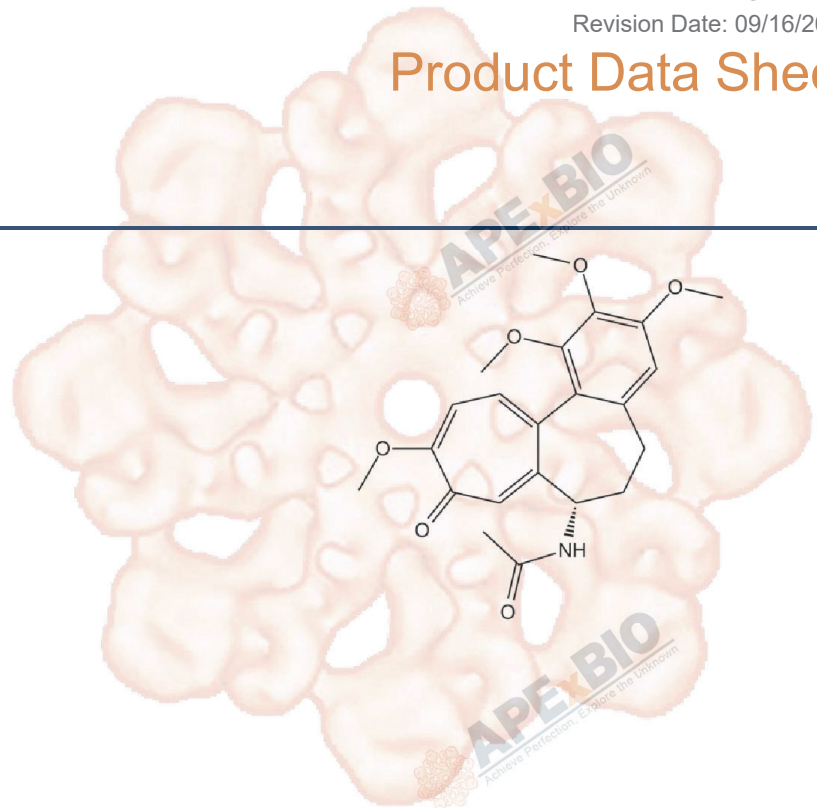


Product Data Sheet

Colchicine

| | |
|------------------|---|
| Cat. No.: | A3324 |
| CAS No.: | 64-86-8 |
| Formula: | C ₂₂ H ₂₅ NO ₆ |
| M.Wt: | 399.44 |
| Synonyms: | |
| Target: | Cell Cycle/Checkpoint |
| Pathway: | Microtubule/Tubulin |
| Storage: | Store at -20°C |



Solvent & Solubility

≥19.97 mg/mL in DMSO; ≥45.5 mg/mL in H₂O with gentle warming; ≥50.8 mg/mL in EtOH with gentle warming

In Vitro

| Preparing Stock Solutions | Solvent Concentration | Mass | | |
|---------------------------|--------------------------|-----------|------------|------------|
| | | 1mg | 5mg | 10mg |
| | 1 mM | 2.5035 mL | 12.5175 mL | 25.0350 mL |
| | 5 mM | 0.5007 mL | 2.5035 mL | 5.0070 mL |
| | 10 mM | 0.2504 mL | 1.2518 mL | 2.5035 mL |

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

Biological Activity

Shortsummary

Tubulin Inhibitor

IC₅₀ & 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. 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.

APExBIO 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

