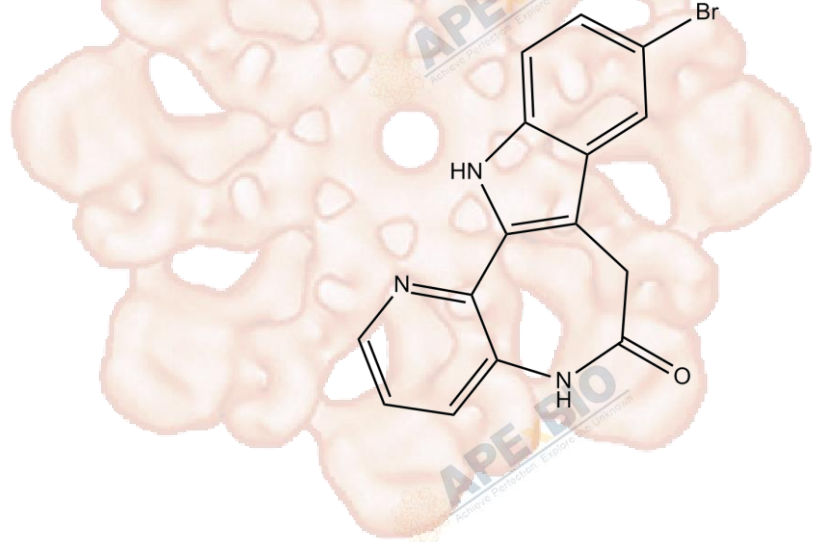


Product Data Sheet

1-Azakenpaullone

| | |
|------------------|--|
| Cat. No.: | B3690 |
| CAS No.: | 676596-65-9 |
| Formula: | C ₁₅ H ₁₀ BrN ₃ O |
| M.Wt: | 328.16 |
| Synonyms: | |
| Target: | PI3K/Akt/mTOR Signaling |
| Pathway: | GSK-3 |
| Storage: | Store at -20°C |



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥ 15.05 mg/mL in DMSO

In Vitro

| Preparing Stock Solutions | Solvent | Mass | | |
|---------------------------|----------------------|-----------|------------|------------|
| | | 1mg | 5mg | 10mg |
| | Concentration | | | |
| | 1 mM | 3.0473 mL | 15.2365 mL | 30.4729 mL |
| | 5 mM | 0.6095 mL | 3.0473 mL | 6.0946 mL |
| | 10 mM | 0.3047 mL | 1.5236 mL | 3.0473 mL |

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

Biological Activity

Shortsummary: GSK-3 β inhibitor, potent and selective, cell-permeable

IC₅₀ & Target: 18 nM (GSK-3 β)

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

