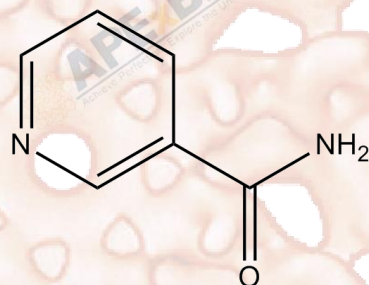


Product Data Sheet

Nicotinamide

Cat. No.: N1651
CAS No.: 98-92-0
Formula: C₆H₆N₂O
M.Wt: 122.13
Synonyms:
Target: Natural Products
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥13.75 mg/mL in EtOH; ≥29.75 mg/mL in H₂O; ≥5.95 mg/mL in DMSO

In Vitro

| | Solvent | Mass Concentration | 1mg | 5mg | 10mg |
|------------------------------|---------|-----------------------|-----------|------------|------------|
| | | | | | |
| Preparing Stock Solutions | | 1 mM | 8.1880 mL | 40.9400 mL | 81.8800 mL |
| | | 5 mM | 1.6376 mL | 8.1880 mL | 16.3760 mL |
| | | 10 mM | 0.8188 mL | 4.0940 mL | 8.1880 mL |

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

Biological Activity

Shortsummary

PARP-1 inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Li A, Liu Q, et al. "Berberine Reduces Pyruvate-driven Hepatic Glucose Production by Limiting Mitochondrial Import of Pyruvate through Mitochondrial Pyruvate Carrier 1." EBioMedicine. 2018 Aug;34:243-255.PMID:30093307

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.

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

