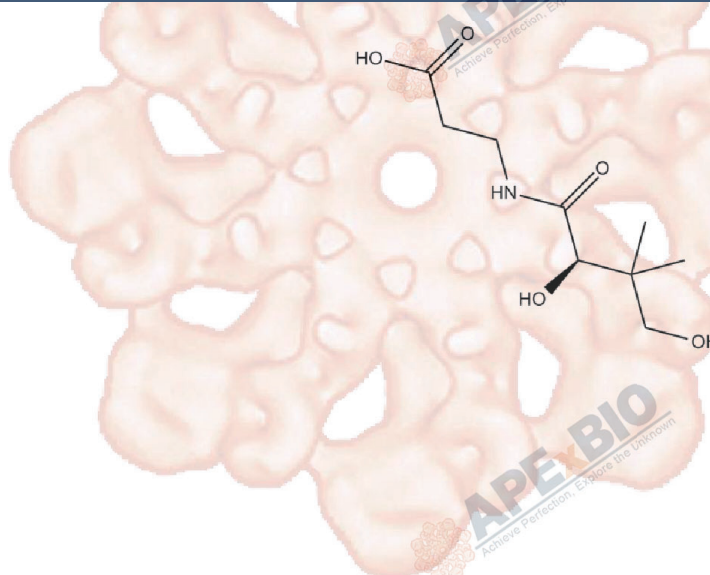


Product Data Sheet

D-Pantothenic acid

Cat. No.: B2002
CAS No.: 79-83-4
Formula: C₉H₁₇NO₅
M.Wt: 219.23954
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥11.15 mg/mL in DMSO with gentle warming; ≥24.8 mg/mL in H₂O; ≥3 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing

Stock Solutions

Solvent	Mass	Concentration	1mg	5mg	10mg
1 mM			4.5612 mL	22.8061 mL	45.6122 mL
5 mM			0.9122 mL	4.5612 mL	9.1224 mL
10 mM			0.4561 mL	2.2806 mL	4.5612 mL

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

Biological Activity

Shortsummary

water-soluble vitamin

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.

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