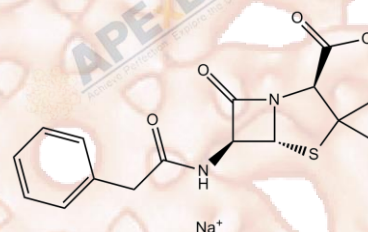


Product Data Sheet

Penicillin G Sodium

Cat. No.: B1678
CAS No.: 69-57-8
Formula: C₁₆H₁₈N₂O₄S·Na
M.Wt: 356.37
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 13.7 mg/mL in DMSO; ≥ 58.7 mg/mL in H₂O

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.8061 mL	14.0304 mL	28.0607 mL
		5 mM	0.5612 mL	2.8061 mL	5.6121 mL
		10 mM	0.2806 mL	1.4030 mL	2.8061 mL

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

Biological Activity

Shortsummary

penicillin antibiotic

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 APEx BIO 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.

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