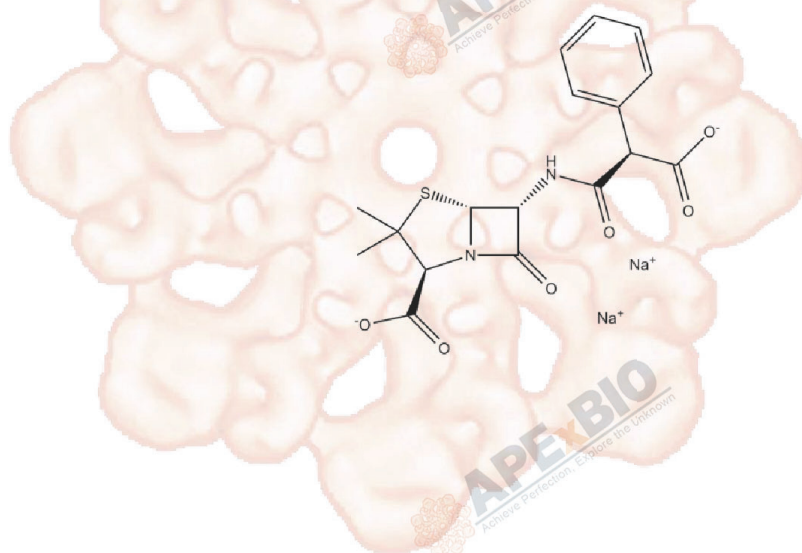


Product Data Sheet

Carbenicillin, Disodium Salt

Cat. No.: A2511
CAS No.: 4800-94-6
Formula: C₁₇H₁₆N₂O₆SN₂
M.Wt: 422.4
Synonyms:
Target: Microbiology & Virology
Pathway: Antibiotic
Storage: Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 8.64 mg/mL in DMSO with gentle warming and ultrasonic; ≥ 80.8 mg/mL in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
			Concentration		
		1 mM	2.3674 mL	11.8371 mL	23.6742 mL
		5 mM	0.4735 mL	2.3674 mL	4.7348 mL
		10 mM	0.2367 mL	1.1837 mL	2.3674 mL

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

Biological Activity

Shortsummary	Inhibits the cell-wall synthesis, antibiotic	
IC ₅₀ & 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. 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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