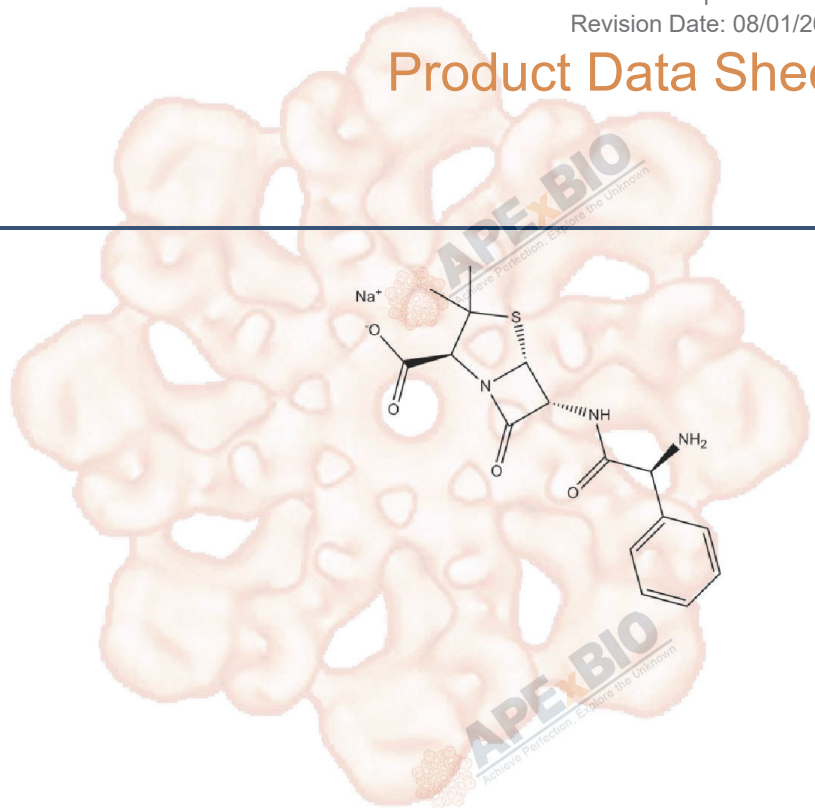


Product Data Sheet

Ampicillin sodium

Cat. No.:	A2510
CAS No.:	69-52-3
Formula:	C ₁₆ H ₁₈ N ₃ NaO ₄ S
M.Wt:	371.4
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≥ 18.57 mg/mL in H₂O; ≥ 73.6 mg/mL in DMSO; ≥ 75.2 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
			Concentration		
		1 mM	2.6925 mL	13.4626 mL	26.9251 mL
		5 mM	0.5385 mL	2.6925 mL	5.3850 mL
		10 mM	0.2693 mL	1.3463 mL	2.6925 mL

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

Biological Activity

Shortsummary	β -lactam 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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