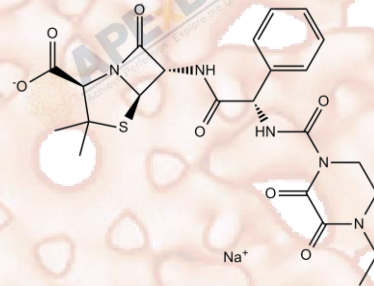


Product Data Sheet

Piperacillin Sodium

Cat. No.: B1818
CAS No.: 59703-84-3
Formula: C₂₃H₂₇N₅O₇S·Na
M.Wt: 539.54
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥12.68 mg/mL in H₂O; ≥18.6 mg/mL in DMSO; ≥27.75 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.8534 mL	9.2672 mL	18.5343 mL
	5 mM	0.3707 mL	1.8534 mL	3.7069 mL
	10 mM	0.1853 mL	0.9267 mL	1.8534 mL

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

Biological Activity

Shortsummary

Semisynthetic, broad-spectrum, ampicillin derived ureidopenicillin 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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