

Ampicillin Solution 50mg/ml Antibiotic

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CATALOG #
AAA14807

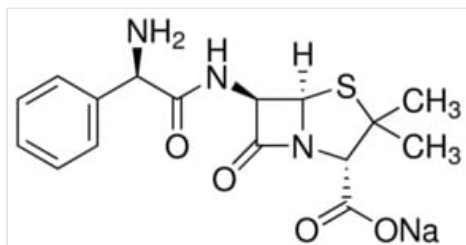
PRODUCT SYNONYMS

Ampicillin Solution 50mg/ml; Ampicillin Solution 50mg/ml antibiotic

PRODUCT SPECIFICATIONS

Form/Format	Supplied as 50mg/mL in 0.2um sterile-filtered, RNase, DNase-free, molecular biology grade water.
CAS Number	[69-52-3]
Molecular Formula	C ₁₆ H ₁₈ N ₃ O ₄ SNa
pH	8.9
Solubility	Colorless, clear, complete.
Prepared from Ampicillin Sodium Salt	Potency: 926ug/mg Working Concentration: 20-50 ug/ml for E. coli Identification A & B (I.R.): Conforms Sterility: Conforms
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage, store at -20 degree C.

IMAGES



Structure

Structure of 6-[D-(-)-alpha-Aminophenylacetamido]-penicillanic acid, sodium salt; Sodium [2S-[2α,5α,6β (S*)]]-6-(aminophenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate

ADDITIONAL INFORMATION

Related Product Information for Ampicillin Solution 50mg/ml antibiotic	Ampicillin Solution, 50mg/ml, is a convenient, ready to use concentrated solution for molecular biology selection applications. Ampicillin inhibits cell wall synthesis and is used to select for drug-resistant, plasmid-bearing colonies.
Product Categories/Family for Ampicillin Solution 50mg/ml antibiotic	Biochemicals; Biochem-Antibiotics

NCBI AND UNIPROT INFORMATION

Molecular Weight	371.40
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/antibiotic/ampicillin-solution-50mg-ml/14807>