

Product Name: Ampicillin sodium salt
Catalog Number: J63807.06

CAS Number: 69-52-3
IUPAC Name: sodium
 (2S,5R,6R)-6-[(2R)-2-amino-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate
Molecular Formula: C₁₆H₁₈N₃NaO₄S
Molecular Weight: 371.39
InChI Key: KLOHDWPABZXLGI-YWUHCJSESA-M
SMILES: [Na+].CC1(C)S[C@@H]2[C@H](NC(=O)[C@H](N)C3=CC=CC=C3)C(=O)N2[C@H]1C([O-])=O
Synonym: ampicillin sodium ampicillin natrium binotal sodium ampicillin austrapen

Product Specification

Appearance (Color): White to pale cream
Form: Powder or crystals or crystalline powder
Assay from Suppliers CoFA: Potency (Anhydrous): ≥845 µg/mg
pH: 8.0-10.0 (1% solution in water)
Solution Test: Soluble (50 mg/ml in water)
Water Content: ≤2.0%

Date Of Print: 06/05/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.