

Ampicillin Sodium Salt (Pharmaceutical Grade)

Product Number: 1046

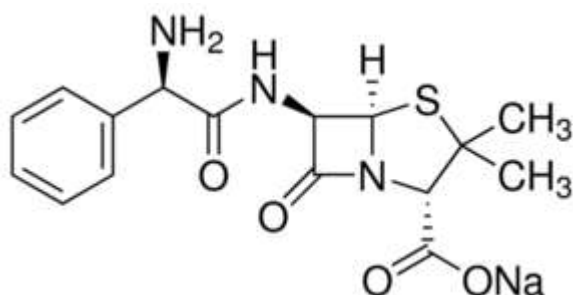
CAS Number: [69-52-3]

Storage Condition: Store at 5±3°C in dark and dry place

Description

D(-)- α -Amino-benzylpenicillin sodium salt has its antibiotic spectrum against both, Gram negative (similar to tetracycline and chloramphenicol) bacteria and Gram positive (similar to benzylpenicillin) bacteria.

Structural formula of Ampicillin sodium salt



Specification

White or almost white powder

Molecular weight 371.39 g/mol

Molecular formula C₁₆H₁₈N₃NaO₄S (Hill Notation)

It is a β -lactam-antibiotic inhibiting the cell wall synthesis of bacteria by deactivation of transpeptidases on the inner side of the bacterial cell wall.

Application

Ampicillin Sodium Salt is used to select for ampicillin resistance in mutated and transformed cells.

Remarks

Ampicillin is reported as slightly soluble in water, practically insoluble in alcohol, chloroform, ether and fixed oils but soluble in dilute acids or bases.

Quality

Pharmaceutical grade

Offering Sizes

Available in 10 g, 50 g, 100 g, and 250 g per packaging.