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## Typical Product Specifications & Properties

# Ampicillinsodium

CAS Number: : 69-52-3

Specifications	Limits
Molecular weight	371.39
EINECS	200-708-1
SMILES	<chem>N(C(=O)[C@@H](c1ccccc1)N)[C@H]1[C@@H]2N(C1=O)[C@H](C(S2)(C)C)C(=O)[O-].[Na+]</chem>
InChI	KLOHDWPABZ XLGI-YWUHCJSESA-M
InChIKey	1S/C16H19N3O4S.Na/c1-16(2)11(15(22)23)19-13(21)10(14(19)24-16)18-12(20)9(17)8-6-4-3-5-7-8;/h3-7,9-11,14H,17H2,1-2H3,(H,18,20)(H,22,23);/q;+1/p-1/t9-,10-,11+,14-;/m1./s1
Solubility	H2O: 50 mg/mL, clear, very faintly yellow
Melting Point	215 &deg;C (dec.)
Storage Temperature	2-8&deg;C
Water solubility	Freely soluble in water. Sparingly soluble in acetone
Form	powder
Color	white with slight yellow cast



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