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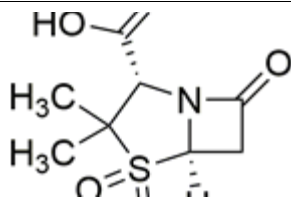
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	38418
Product	Sulbactam (2 <i>S</i> ,5 <i>R</i>)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-Betamaze
CAS Number	68373-14-8
Molecular Formula	C ₈ H ₁₁ NO ₅ S
Molecular Weight	233.24

Appearance	White to almost white crystalline powder
Clarity & Color	Color of the solution : Not deeper than No.1 standard solution yellow or yellow green Clarity of solution : Not cloudier than No.1 standard solution of cloudiness
Heavy Metals	≤ 0.002%
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] ²⁰ _D = 242 - 256 °
UV Ratios	Absorbance : ≤ 0.020%
Residual Solvents	Ethyl acetate : ≤ 5000 ppm
Related Substances	(2 <i>S</i>)-2-Amino-3-methyl-3-sulfinobutanoic acid : ≤ 0.3% 6-Aminopenicillanic acid : ≤ 0.1% Total impurities : ≤ 0.5%
Sulfated Ash	≤ 0.2%
Assay (anhydrous basis)	98 - 102%
Storage	Store at 0-8 °C

For Laboratory Use Only