

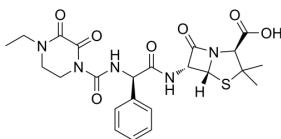
Piperacillin

Cat. No.: HY-B1923
CAS No.: 61477-96-1
Batch No.: 315962
Chemical Name: 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[[(2R)-2-[[[(4-ethyl-2,3-dioxo-1-piperazinyloxy)amino]-2-phenylacetyl]amino]-3,3-dimethyl-7-oxo-, (2S,5R,6R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₃H₂₇N₅O₇S
Molecular Weight: 517.55
Storage: Powder -20°C 3 years
4°C 2 years
In solvent -80°C 6 months
-20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 98.37%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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