

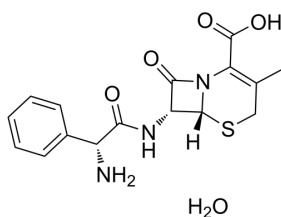
Cephalexin (monohydrate)

Cat. No.: HY-B0200B
 CAS No.: 23325-78-2
 Batch No.: 121663
 Chemical Name: 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(2R)-2-amino-2-phenylacetyl]amino]-3-methyl-8-oxo-, hydrate (1:1), (6R,7R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{19}N_3O_5S$
 Molecular Weight: 365.40
 Storage: Powder -20°C 3 years
 4°C 2 years
 In solvent -80°C 2 years
 -20°C 1 year

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
 1H NMR Spectrum: Consistent with structure
 LCMS: Consistent with structure
 Purity (LCMS): 98.91%
 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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