

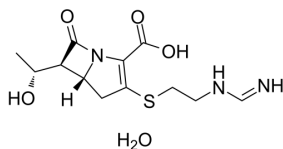
Imipenem (monohydrate)

Cat. No.:	HY-B1369
CAS No.:	74431-23-5
Batch No.:	91445
Chemical Name:	1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 6-[(1R)-1-hydroxyethyl]-3-[[2-[(iminomethyl)amino]ethyl]thio]-7-oxo-, hydrate (1:1), (5R,6S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₂ H ₁₉ N ₃ O ₅ S
Molecular Weight:	317.36
Storage:	Powder -20°C 3 years * The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:



ANALYTICAL DATA

Appearance:	Yellow to brown (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	98.53%
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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