Certificate of Analysis

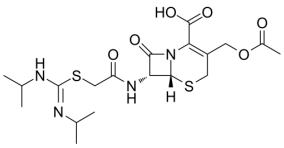
Cefathiamidine

Cat. No.:	HY-107329
CAS No.:	33075-00-2
Batch No.:	152945
Chemical Name:	5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 3-[(acetyloxy)methyl]-7-[[2-[[[(1-methylethyl)amino][(1-methylethyl)imino]methyl]thio]acetyl]amino]-8-oxo-, (6R,7R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{19}H_{28}N_4O_6S_2$
Molecular Weight:	472.58
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.88%
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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