

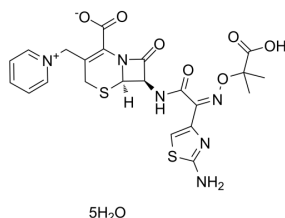
Ceftazidime (pentahydrate)

Cat. No.:	HY-B0593A
CAS No.:	78439-06-2
Batch No.:	99136
Chemical Name:	Pyridinium, 1-[[[(6R,7R)-7-[[[(2Z)-(2-amino-4-thiazolyl)][(1-carboxy-1-methylethoxy)imino]acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-, inner salt, hydrate (1:5)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₂ H ₃₂ N ₆ O ₁₂ S ₂		
Molecular Weight:	636.65		
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)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	98.76%
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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