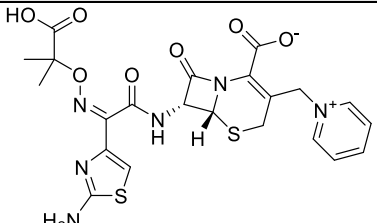




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
317451	Ceftazidime	T23C06I26

Chemical name	
(6R,7R)-7-[[[(2Z)-2-(2-amino-1,3-thiazol-4-yl)-2-(2-carboxypropan-2-yloxyimino)acetyl]amino]-8-oxo-3-(pyridin-1-ium-1-ylmethyl)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	
Synonyms	
Ceftazidime anhydrous; Ceftazidime Pentahydrate; Fortaz; Fortum; GR 20263; GR-20263; GR20263; LY 139381; LY-139381; LY139381; Tazidime	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 317451 Name: Ceftazidime CAS#: 72558-82-8 (free) Lot#: T23C06I26 Chemical Formular: C ₂₂ H ₂₂ N ₆ O ₇ S ₂ Molecular Weight: 546.58

Analysis item	Specifications / Results
Appearance	White to pale yellow crystal powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>90.0% (contains ca. 10% Na ₂ CO ₃)
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE