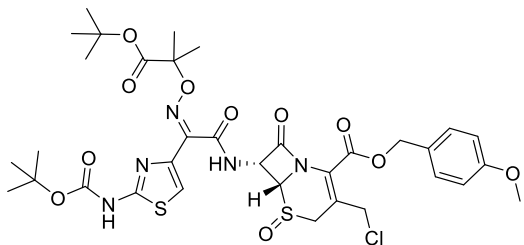


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
620112	MDK71803	YXM61227

Chemical name	
4-methoxybenzyl (6R,7R)-7-((Z)-2-(((1-(tert-butoxy)-2-methyl-1-oxopropan-2-yl)oxy)imino)-2-(2-((tert-butoxycarbonyl)amino)thiazol-4-yl)acetamido)-3-(chloromethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate 5-oxide	
Synonyms	
MDK71803; MDK-71803; MDK 71803; Cefiderocol-intermediate, Cefiderocol-precursor.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 620112 Name: MDK71803 CAS#: 137171-80-3 Lot#YXM61227 Chemical Formula: C ₃₄ H ₄₂ ClN ₅ O ₁₁ S ₂ Exact Mass: 795.2011 Molecular Weight: 796.30

Analysis item	Specifications / Results
Appearance	Yellow solid 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)	>95.0%
Solubility	Soluble in dichloroform.
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 5 years if properly stored.

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