Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205648	Tosedostat	C8R02B26

Chemical name		
(S)-cyclopentyl 2-((R)-2-((S)-1-hydroxy-2-(hydroxyamino)-2-oxoethyl)-4-		
methylpentanamido)-2-phenylacetate		
Synonyms		
CHR2797; CHR-2797; CHR 2797; Tosedostat		
Chemical structure	CAS# and Theoretical analysis	
	MedKoo Cat#: 205648	
	Name: Tosedostat	
HO N OH O	CAS#: 238750-77-1	
	Lot#: C8R02B26	
	Chemical Formula: C ₂₁ H ₃₀ N ₂ O ₆	
	Exact Mass: 406.21039	
	Molecular Weight: 406.47	

Analysis item	Specifications / Results	
Appearance	White to off-white 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)	>98.0%	
Solubility	Soluble in DMSO	
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