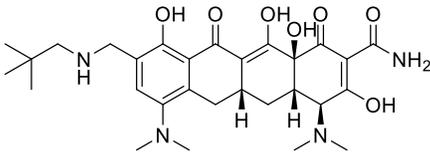




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
326705	Omadacycline	A20T10K19

Chemical name	
(4S,4aS,5aR,12aS)-4,7-bis(Dimethylamino)-9-(((2,2-dimethylpropyl)amino)methyl)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide	
Synonyms	
PTK 0796; PTK-0796; PTK0796; Amadacyclin; Omadacycline; Nuzyra.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 326705 Name: Omadacycline CAS#: 389139-89-3 (free base) Lot#: A20T10K19 Chemical Formula: C ₂₉ H ₄₀ N ₄ O ₇ Exact Mass: 556.2897 Molecular Weight: 556.66

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 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