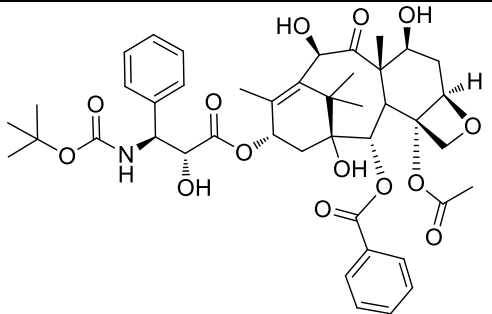




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100270	Docetaxel	T9Z03C19

Chemical name	
(2aR,4S,4aS,6R,9S,11S,12S,12bS)-12b-acetoxy-9-(((2R,3S)-3-((tert-butoxycarbonyl)amino)-2-hydroxy-3-phenylpropanoyl)oxy)-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-1H-7,11-methanocyclodeca[3,4]benzo[1,2-b]oxet-12-yl benzoate.	
Synonyms	
Taxotere; TXT; RP 56976; RP-56976; RP56976; Docetaxel	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#100270 Name: Docetaxel CAS#: 114977-28-5 Lot#: T9Z03C19 Chemical Formula: C ₄₃ H ₅₃ NO ₁₄ Exact Mass: 807.34661 Molecular Weight: 807.88

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