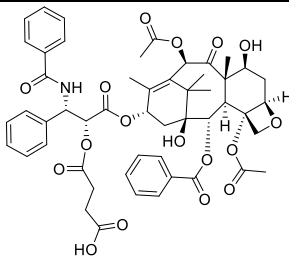


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
620101	Paclitaxel-Succinic acid	ZY71028

Chemical name	
4-(((1S,2R)-1-benzamido-3-(((2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-6,12b-diacetoxy-12-(benzyloxy)-4,11-dihydroxy-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-9-yl)oxy)-3-oxo-1-phenylpropan-2-yl)oxy)-4-oxobutanoic acid	
Synonyms	
Paclitaxel-Succinic acid; Paclitaxel Succinate; Paclitaxel-hemisuccinic acid	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 620101 Name: Paclitaxel-Succinic acid CAS#: 117527-50-1 Lot#: ZY71028 Chemical Formula: C ₅₁ H ₅₅ NO ₁₇ Exact Mass: 953.347 Molecular Weight: 953.99

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