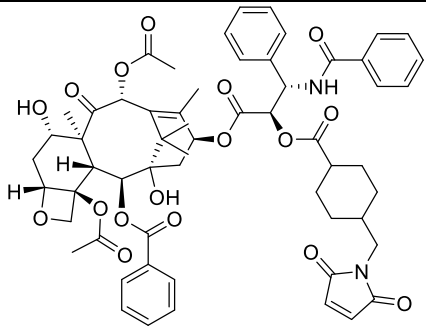




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407803	Paclitaxel-SMCC	S21S06C03

Chemical name	
(2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-9-(((2R,3S)-3-benzamido-2-(((4-((2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)methyl)cyclohexane-1-carbonyl)oxy)-3-phenylpropanoyl)oxy)-12-(benzyloxy)-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-3,4,4a,5,6,9,10,11,12,12a-decahydro-1H-7,11-methanocyclodeca[3,4]benzo[1,2-b]oxete-6,12b(2aH)-diyl diacetate	
Synonyms	
Paclitaxel-SMCC; Paclitaxel with SMCC linker; Paclitaxel ADC conjugate.; SMCC-Taxol; SMCC taxol, Taxol-SMCC, Taxol SMCC;	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407803 Name: Paclitaxel-SMCC CAS#: Unknown Lot#: S21S06C03 Chemical Formula: C ₅₉ H ₆₄ N ₂ O ₁₇ Exact Mass: 1072.4205 Molecular Weight: 1073.16

Analysis item	Specifications / Results
Appearance	Off white to grey 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 3 years if properly stored.

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