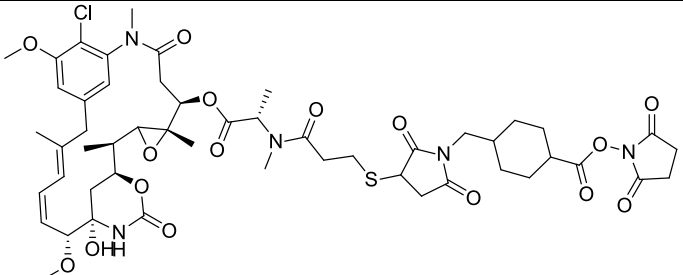




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407202	DM1-SMCC	T7K10C19

Chemical name	
2,5-dioxopyrrolidin-1-yl 4-(((3-(((2S)-1-(((14S,16S,33S,2R,4R,10E,12Z,14R)-86-chloro-14-hydroxy-85,14-dimethoxy-33,2,7,10-tetramethyl-12,6-dioxo-7-aza-1(6,4)-oxazinana-3(2,3)-oxirana-8(1,3)-benzenacyclotetradecaphane-10,12-dien-4-yl)oxy)-1-oxopropan-2-yl)(methyl)amino)-3-oxopropyl)thio)-2,5-dioxopyrrolidin-1-yl)methyl)cyclohexane-1-carboxylate	
Synonyms	
DM1-SMCC; DM1 SMCC; DM1SMCC. SMCC-DM1.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407202 Name: DM1-SMCC CAS#: 1228105-51-8 Lot#: T7K10C19 Chemical Formula: C ₅₁ H ₆₆ ClN ₅ O ₁₆ S Exact Mass: 1071.39138 Molecular Weight: 1072.62

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
Self life	At least 5 years if properly stored.

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