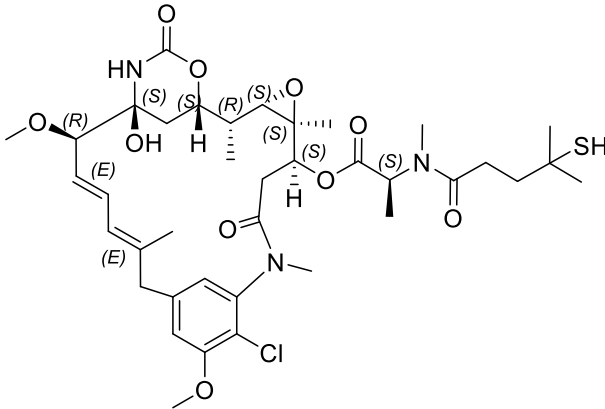


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206839	Maytansinoid DM4	X7P06R08

Chemical name	
(14S,16S,32S,33S,2R,4S,10E,12E,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 N-(4-mercapto-4-methylpentanoyl)-N-methyl-L-alaninate	
Synonyms	
Maytansinoid DM4; DM4.	
Chemical structure	CAS# and Theoretical analysis
	<p>MedKoo Cat#: 206839 Name: Maytansinoid DM4 CAS#: 796073-69-3 Lot# X7P06R08 Chemical Formula: C₃₈H₅₄ClN₃O₁₀S Exact Mass: 779.3218 Molecular Weight: 780.37</p>

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