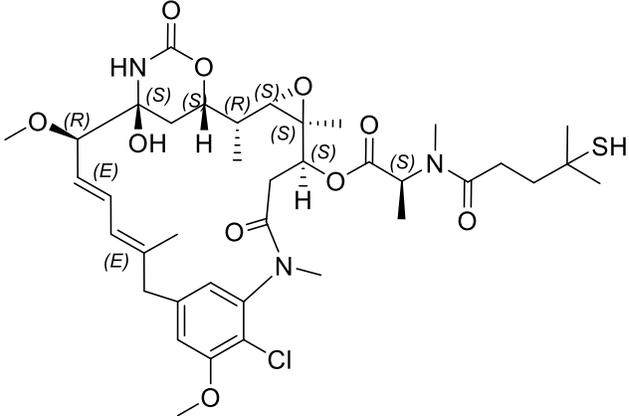




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
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
	MedKoo Cat#: 206839 Name: Maytansinoid DM4 CAS#: 796073-69-3 Lot# X7P06R08 Chemical Formula: C <sub>38</sub> H <sub>54</sub> ClN <sub>3</sub> O <sub>10</sub> S Exact Mass: 779.3218 Molecular Weight: 780.37

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	<sup>1</sup> 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)	>95.0%
Solubility	Soluble in DMSO-d <sub>6</sub> .
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**



# MedKoo Biosciences

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Label:



**MedKoo Biosciences**  
www.medkoo.com

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Cat#206839, Lot#X7P06R08

**Maytansinoid DM4 (99%), 10mg**  
[796073-69-3], C<sub>38</sub>H<sub>54</sub>ClN<sub>3</sub>O<sub>10</sub>S, FW780.37

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This product is for research use only