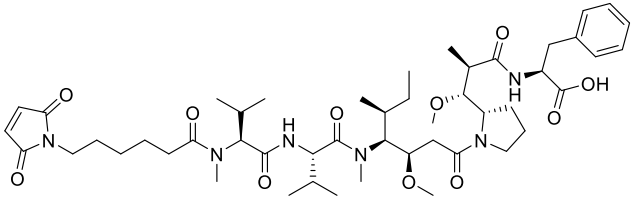




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206584	Mafodotin	YXM61003

Chemical name	
((2R,3R)-3-((S)-1-((3R,4S,5S)-4-((S)-2-((S)-2-(6-(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)-N-methylhexanamido)-3-methylbutanamido)-N,3-dimethylbutanamido)-3-methoxy-5-methylheptanoyl)pyrrolidin-2-yl)-3-methoxy-2-methylpropanoyl)-L-phenylalanine	
Synonyms	
SGD-1269; SGD 1269; SGD1269; mc-MMAF; mcMMAF; L4-MMAF; Maleimidocaproyl-MMAF; Maleimidocaproyl monomethylauristatin F; Mafodotin.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206584 Name: Mafodotin CAS#: 863971-19-1 Lot#YXM61003 Chemical Formula: C ₄₉ H ₇₆ N ₆ O ₁₁ Exact Mass: 924.5572 Molecular Weight: 925.18

Analysis item	Specifications / Results
Appearance	Light yield waxy solid.
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