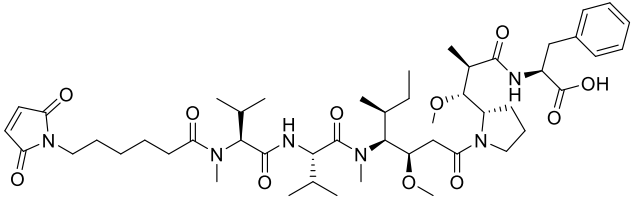




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
206584	Mafodotin	CRB61012

<b>Chemical name</b>	
((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	
<b>Synonyms</b>	
SGD-1269; SGD 1269; SGD1269; mc-MMAF; mcMMAF; L4-MMAF; Maleimidocaproyl-MMAF; Maleimidocaproyl monomethylauristatin F; Mafodotin.	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 206584 Name: Mafodotin CAS#: 863971-19-1 Lot#: CRB61012 Chemical Formula: C <sub>49</sub> H <sub>76</sub> N <sub>6</sub> O <sub>11</sub> Exact Mass: 924.5572 Molecular Weight: 925.18

Analysis item	Specifications / Results
<b>Appearance</b>	Light waxy solid.
<b>Structure</b>	<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.
<b>Purity (HPLC)</b>	>98.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

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