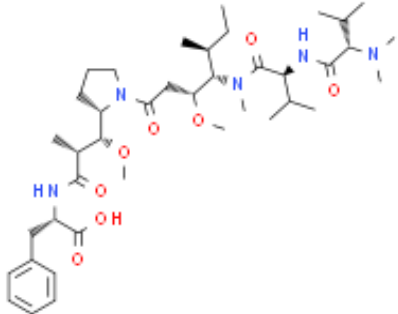


Product Data Sheet

Cas No.:	163768-50-1	Cat. No:	PL07266
Product Name:	Auristatin F		
Product synonym:	澳瑞他汀 F;奥瑞他汀 F;一甲基澳瑞他汀系列/澳瑞他汀F/MAF;N,N-二甲基-L-缬氨酰-L-缬氨酰-(3R,4S,5S)-3-甲氧基-5-甲基-4-(甲氨基)庚酰基-(AR,BR,2S)-B-甲氧基-A-甲基-2-吡咯烷丙酰基-L-苯丙氨酸;澳瑞他汀 F(MMAF类似物);(S)-2-((2R,3R)-3-((S)-1-((3R,4S,5S)-4-((S)-2-((S)-2-(二甲基氨基)-3-甲基丁酰胺基)-N,3-二甲基丁酰胺基)-3-甲氧基-5-甲基庚酰基)吡咯烷-2-基)-3-甲氧基-2-甲基丙酰胺基)-3-苯基丙酸		
Chemical name:	Auristatin F		
MF:	C40H67N5O8	FW:	745.989
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	CC(C)[C@H](N(C)C)C(N[C@H](C(N([C@@H]([C@@H](C)CC)[C@@H](CC(N1CCC[C@]1([H]))[C@H](OC)[C@@H](C)C(N[C@H](C(O)=O)CC2=CC=CC=C2)=O)OC(C)=O)C(C)C)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Auristatin F 是抗体偶联药物中一种有效的细胞毒素 (cytotoxin)，也是 MMAF 的类似物。Auristatin F 是一种有效的微管 (microtubule) 抑制剂和血管损伤剂 (VDA)。Auristatin F 通过阻止微管蛋白聚集抑制细胞分裂。Auristatin F 可用于抗体-药物偶联物 (ADC)。

生物活性	Auristatin F is a potent cytotoxin in antitumor-conjugated drugs and an analogue of MMAF. Auristatin F is a potent microtubule inhibitor and vascular damaging agent (VDA). Auristatin F inhibits cell division by preventing tubulin aggregation. Auristatin F can be used in antibody-drug conjugates (ADC) .
IC50 & Target[1][2]	Microtubule
体外研究(In Vitro)	Auristatin F and Monomethyl Auristatin F (MMAF) are potent ADC cytotoxin used in antibody-drug conjugates. has not independently confirmed the accuracy of these methods. They are for reference only.

体内研究(In Vivo)	Auristatin F (5 mg/kg; i.v.; male Sprague-Dawley rats) has C max of 8276.76 ng/mL. The AUC last is 65661.30 min*ng/mL, and the clearance (CL) is 77.33 mL/min/kg, which is above the hepatic blood flow in the rat. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 200 mg/mL (268.10 mM; Need ultrasonic)配制储备液