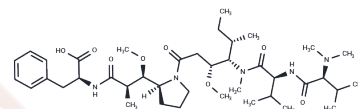


## Auristatin F

## Chemical Properties

CAS No. : 163768-50-1  
 Formula: C<sub>40</sub>H<sub>67</sub>N<sub>5</sub>O<sub>8</sub>  
 Molecular Weight: 745.99  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Auristatin F is an effective inhibitor of microtubule and vascular damaging agent. Auristatin F can be used in antibody-drug conjugates.
Targets(IC50)	Microtubule Associated,ADC Cytotoxin
In vitro	Auristatin F and Monomethyl Auristatin F (MMAF) are highly potent cytotoxic agents utilized in ADCs[1].

## Solubility Information

Solubility	DMSO: 195 mg/mL (261.40 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3405 mL	6.7025 mL	13.405 mL
5 mM	0.2681 mL	1.3405 mL	2.681 mL
10 mM	0.1341 mL	0.6703 mL	1.3405 mL
50 mM	0.0268 mL	0.1341 mL	0.2681 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Roy S, et al. SMI-Ribosome inactivating protein conjugates selectively inhibit tumor cell growth. Chem Commun (Camb). 2017 Apr 11;53(30):4234-4237.

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