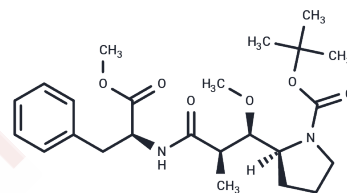


## MMAF intermediate 1

## Chemical Properties

CAS No. :	161485-82-1
Formula:	C <sub>24</sub> H <sub>36</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	448.55
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	MMAF intermediate 1 serves as a precursor in the synthesis of MMAF (Monomethylauristatin F), an effective inhibitor of tubulin polymerization. MMAF is a cytotoxic component commonly used in antibody-drug conjugates (ADCs) such as Vorsetuzumab mafodotin and SGN-CD19A. This compound plays a crucial role in the production of classic ADC cytotoxins.
Targets(IC50)	ADC Cytotoxin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2294 mL	11.147 mL	22.2941 mL
5 mM	0.4459 mL	2.2294 mL	4.4588 mL
10 mM	0.2229 mL	1.1147 mL	2.2294 mL
50 mM	0.0446 mL	0.2229 mL	0.4459 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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