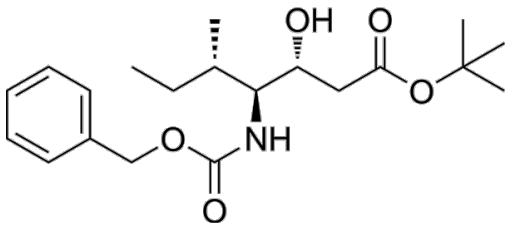
Product Data Sheet

Product Name: Monomethyl auristatin E intermediate-7
Cat. No.: GC74169

Chemical Properties

Cas. No.	135383-55-0		
Formula	$C_{20}H_{31}NO_5$	M.Wt	365.46
Solubility		Storage	4°C, stored under nitrogen
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

Monometl auristatin E intermediate-7 is an intermediate reagent in the synthesis of Monometl auristatin E . Monometl auristatin E (MMAE) is a microtubule/tubulin inhibitor with anticancer activity. MMAE is widely used as the cytotoxic component (ADC Cytotoxin) of antibody-drug conjugates (ADCs).

References:
[1]. Lisa Buckel, et al. Tumor radiosensitization by monometl auristatin E: mechanism of action and targeted delivery. Cancer Res. 2015 Apr 1;75(7):1376-87.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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