

Product Data Sheet

Product Name: Monomethyl auristatin E intermediate-7

Cat. No.: GC74169

Chemical Properties

Cas. No. 135383-55-0

Formula $C_{20}H_{31}NO_5$

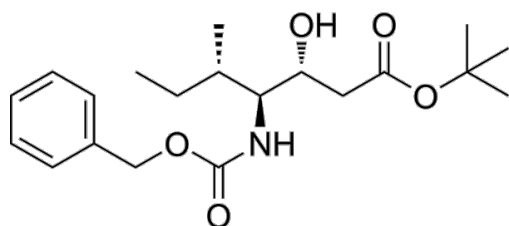
M.Wt 365.46

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

Monomethyl auristatin E intermediate-7 is an intermediate reagent in the synthesis of Monomethyl auristatin E. Monomethyl 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 monomethyl 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.

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