

## Product Data Sheet

Product Name: Monomethyl auristatin E intermediate-15

Cat. No.: GC74177

### Chemical Properties

Cas. No. 173653-47-9

Formula  $C_{20}H_{29}NO_5$

M.Wt 363.45

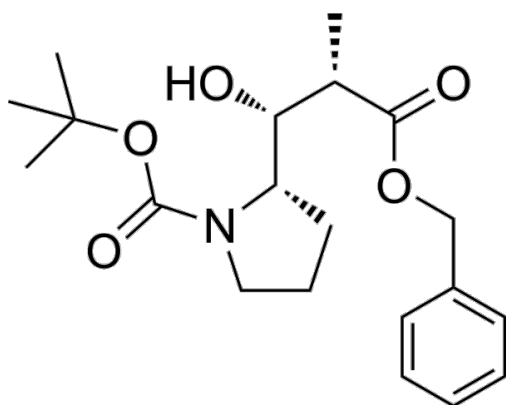
Solubility

Storage -20°C

**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-15 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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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targeted delivery. Cancer Res. 2015 Apr 1;75(7):1376-87.

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