

Product Data Sheet

Product Name: Monomethyl auristatin E intermediate-11

Cat. No.: GC74171

Chemical Properties

Cas. No. 870640-62-3

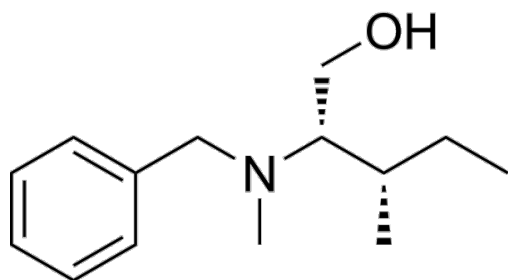
Formula $C_{14}H_{23}NO$ M.Wt 221.34

Solubility Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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-11 is an intermediate reactant 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:

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

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[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.

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