## **Certificate of Analysis**

## Monomethyl auristatin E intermediate-1

Cat. No.: HY-33048

CAS No.: 120205-48-3

Batch No.: 145304

Chemical Name: Heptanoic acid, 3-methoxy-5-methyl-4-(methylamino)-, 1,1-dimethylethyl ester, hydrochloride (

1:1), (3R,4S,5S)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{14}H_{30}CINO_3$  Molecular Weight: 295.85

Storage: 4°C, stored under nitrogen

\* In solvent: -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.82%

**Conclusion:** The product has been tested and complies with the given specifications.

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

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