

Mc-MMAE

Catalog No: tcsc2739



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

863971-24-8

Formula:

$C_{49}H_{78}N_6O_{10}$

Pathway:

Cell Cycle/DNA Damage;Cytoskeleton;Antibody-drug Conjugate/ADC Related

Target:

Microtubule/Tubulin;Microtubule/Tubulin;Drug-Linker Conjugates for ADC

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 51 mg/mL (55.97 mM)

Alternative Names:

Maleimidocaproyl-monomethylauristatin E

Observed Molecular Weight:

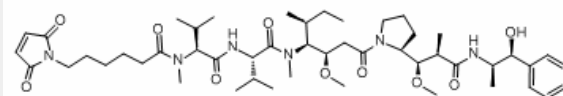
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Product Description

Mc-MMAE is a protective group (maleimidocaproyl)-conjugated monomethyl auristatin E (MMAE), which is a potent **tubulin** inhibitor, is a toxin payload in antibody drug conjugate (**ADC**).

IC50 & Target: Tubulin, Antibody-drug conjugates (ADC)^[1]

In Vitro: Synthesis of maleimidocaproyl-MMAE (mc-MMAE) requires the addition of maleimidocaproic acid to a solution of MMAE in dichloromethane followed by the addition of diethyl cyanophosphonate and diisopropylethylamine^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!