

## Product Data Sheet

Product Name: Mc-MMAD

Cat. No.: GC36560

### Chemical Properties

Cas. No. 1401963-15-2

SMILES O=C1N(CCCCCC(N(C)[C@H](C(N[C@@H](C(C)C)C(N(C)[C@]([C@@H](C)CC)([H])[C@@H](CC(N2[C@H]([C@H](OC)[C@H](C(N[C@@H](CC3=CC=CC=C3)C4=NC=CS4)=O)C)CCC2)=O)OC)=O)C(C)C)=O)C(C=C1)=O

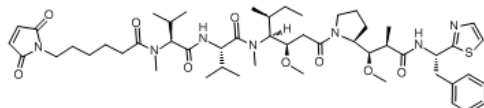
Formula  $C_{51}H_{77}N_7O_9S$  M.Wt 964.26

Solubility DMSO:  $\geq 100$  mg/mL (103.71 mM); Water:  $< 0.1$  mg/mL (insoluble) Storage Store at  $-20^{\circ}\text{C}$ , unstable in solution, ready to use.

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

Mc-MMAD is a protective group (maleimidocaproyl)-conjugated MMAD. MMAD is a potent tubulin inhibitor. Mc-MMAD is a drug-linker conjugate for ADC.

[1]. Antibody-drug conjugates Patent: WO 2013068874 A1

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

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