

Catalog Number: CM05123

## 产品信息

**Catalog Number:**  
CM05123

**CAS号:**  
110417-88-4

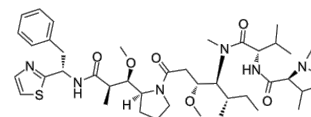
**分子式:**  
 $C_{42}H_{68}N_6O_6S$

**主要靶点:**  
Microtubule Associated

**主要通路:**  
细胞骨架

**分子量:**  
785.09

**溶解度:**  
DMSO:100 mg/mL (127.37 mM)



## 体外活性

Dolastatin 10 is a unique pentapeptide that isolated from the sea hare *Dolabella auricularia*. These in vitro data are quite comparable to those of Dolastatin 10 and Auristatin PE, each of which has GI<sub>50</sub> values of  $10^{-5}$ – $10^{-6}$   $\mu$ g/mL ( $10^{-2}$ – $10^{-3}$  nM) against a similar minipanel of human cell lines[1]. The antibody-drug conjugate (ADC) comprises the anti-CD30 monoclonal antibody cAC10 conjugated to the cytotoxic agent monomethyl auristatin E (MMAE), a synthetic analog of the tubulin polymerization inhibitor Dolastatin 10[2].

## 描述

Dolastatin 10 is a potent antimitotic peptide that inhibits tubulin polymerization.

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years