

## Vc-MMAE

货号: V6143

**储存条件:** 粉末-20°C 可保存 3 年; 液体-80°C 可保存 12 月。

### 产品描述

Vc-MMAE is a derivate of the antimitotic agent MMAE which has been already linked with the linker dipeptide, valine-citrulline (vc). Vc-MMAE can be directly linked to a monoclonal antibody (MAB) which directs it to the cancer cells. The MMAE part acts as the payload of the ADC. The dipeptide valine-citrulline can be cleaved by lysosome. Thereby, the link between the payload and the monoclonal antibody will cleave and the antimitotic agent MMAE can be released into the cells. Through combination with specific monoclonal antibody through specific linker, for example, the ADC cAC10-vcMMAE, the cytotoxicity and selectivity of MMAE was significantly enhanced. Intravenous injection with cAC10-vcMMAE at dose of 1mg/kg induced complete, durable tumor regression in the Karpas 299 ALCL model.

### 产品信息

CAS 号	646502-53-6	
分子式	C <sub>68</sub> H <sub>105</sub> N <sub>11</sub> O <sub>15</sub>	
分子量	1316.63	
别名	VcMMAE	
溶解度	DMSO	98.0 mg/mL (74.4 mM)
	Water	Insoluble
	Ethanol	100.0 mg/mL (76.0 mM)

