

## Mal-PEG2-VCP-Eribulin

## Chemical Properties

CAS No. : 2130869-18-8

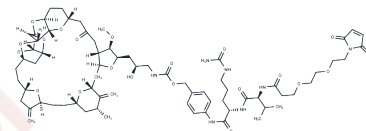
Formula: C70H99N7O21

Molecular Weight: 1374.57

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Mal-PEG2-VCP-Eribulin is a chemotherapeutic compound comprising an antibody-drug conjugate (ADC) linker (Mal-PEG2-VCP) and the microtubule inhibitor Eribulin[1]. This compound uniquely targets microtubules, offering a novel approach to cancer treatment. Eribulin is specifically utilized in creating targeted Eribulin-based drugs for antibody conjugates[1].
Targets(IC50)	Drug-Linker Conjugates for ADC, PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7275 mL	3.6375 mL	7.275 mL
5 mM	0.1455 mL	0.7275 mL	1.455 mL
10 mM	0.0728 mL	0.3638 mL	0.7275 mL
50 mM	0.0146 mL	0.0728 mL	0.1455 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Earl F Albone, et al. Eribulin-based antibody-drug conjugates and methods of use. US20170252458A1.

Towle MJ, et al. Eribulin induces irreversible mitotic blockade: implications of cell-based pharmacodynamics for in vivo efficacy under intermittent dosing conditions. Cancer Res. 2011 Jan 15;71(2):496-505.

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