

Mal-PEG-Succinimidyl Valerate (MW 20000)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight
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-PEG-Succinimidyl Valerate (MW 20000) is a polyethylene glycol (PEG)-based linker with a molecular weight of 20000, crucial for synthesizing proteolysis targeting chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are comprised of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, while the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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