

## m-PEG-Succinimidyl Succinate (MW 5000)

## 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   | m-PEG-Succinimidyl Succinate (MW 5000) is a polyethylene glycol (PEG)-based linker with succinimidyl succinate functionality, mainly used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].                                                       |
| Targets(IC50) | Others,PROTAC Linker                                                                                                                                                                                                                                             |
| In vitro      | PROTACs are bifunctional molecules composed of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other binds to a target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade 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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