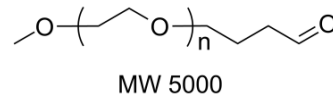


## m-PEG-Butyraldehyde (MW 5000)

|           |   |
|-----------|---|
| Cat. No.: | HY-140674   |
| Target:   | PROTAC Linker   |
| Pathway:  | PROTAC  |
| Storage:  | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                           |  |
|---------------------------|--|
| Description               | m-PEG-Butyraldehyde (MW 5000) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .   |
| IC <sub>50</sub> & Target | PEGs   |
| In Vitro                  | PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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