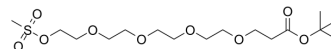


## Ms-PEG5-t-butyl ester

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-140384   |
| CAS No.:           | 870487-48-2   |
| Molecular Formula: | C <sub>16</sub> H <sub>32</sub> O <sub>9</sub> S  |
| Molecular Weight:  | 400.48  |
| Target:            | PROTAC Linkers  |
| Pathway:           | PROTAC  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                           |  |             |
|---------------------------|--|-------------|
| Description               | Ms-PEG5-t-butyl ester is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .   |             |
| IC <sub>50</sub> & Target | PEGs   | Alkyl/ether |
| 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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