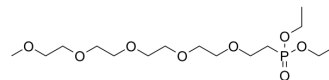


m-PEG5-phosphonic acid ethyl ester

<b>Cat. No.:</b>	HY-141312
<b>CAS No.:</b>	1807512-42-0
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>33</sub> O <sub>8</sub> P
<b>Molecular Weight:</b>	372.39
<b>Target:</b>	PROTAC Linkers
<b>Pathway:</b>	PROTAC
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	m-PEG5-phosphonic acid ethyl ester is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	PEGs
<b>In Vitro</b>	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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