# 3,4-Dibromo-Mal-PEG2-N-Boc

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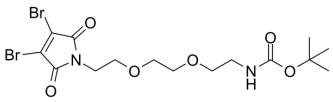
|---|---|
| **Cat. No.:** | HY-141005 |
| **CAS No.:** | 1807537-43-4 |
| **Molecular Formula:** | $C_{15}H_{22}Br_2N_2O_6$ |
| **Molecular Weight:** | 486.15 |
| **Target:** | PROTAC Linkers |
| **Pathway:** | PROTAC |

**Storage:**

| | | |
|---|---|---|
| Powder | -20°C | 3 years |
| | 4°C | 2 years |
| In solvent | -80°C | 6 months |
| | -20°C | 1 month |



## BIOLOGICAL ACTIVITY

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|---|---|---|
| **Description** | 3,4-Dibromo-Mal-PEG2-N-Boc is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1]. | |
| **$IC_{50}$ & 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[1].<br>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



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