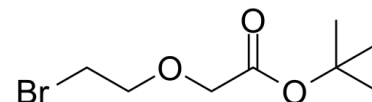


Data Sheet

Product Name:	Bromo-PEG1-CH2-Boc
Cat. No.:	CS-0114582
CAS No.:	157759-50-7
Molecular Formula:	C ₈ H ₁₅ BrO ₃
Molecular Weight:	239.11
Target:	PROTAC Linkers
Pathway:	PROTAC
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Bromo-PEG1-CH2-Boc is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs^[1]. **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].

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

CAIndexNames:

Acetic acid, 2-(2-bromoethoxy)-, 1,1-dimethylethyl ester

SMILES:

O=C(OC(C)(C)C)COCCBr

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

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