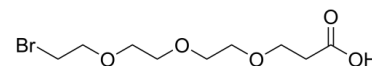


Data Sheet

Product Name:	Bromo-PEG3-C2-acid
Cat. No.:	CS-0096840
CAS No.:	782475-35-8
Molecular Formula:	C ₉ H ₁₇ BrO ₅
Molecular Weight:	285.13
Target:	PROTAC Linkers
Pathway:	PROTAC
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Bromo-PEG3-C2-acid 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:

Propanoic acid, 3-[2-[2-(2-bromoethoxy)ethoxy]ethoxy]-

SMILES:

O=C(O)CCOCCOCCOCCBr

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

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