

Product Information

Azide/Pomalidomide PEG reagent, Pomalidomide-PEG1-azide, Purity 95%

Cat. No.: X24-10-WXX495

Size: 5 mg; 10 mg

MDL: MFCD32198602

CAS Number: 2133360-04-8

Synonym: Pomalidomide-PEG1-azide; 2133360-04-8; Pomalidomide-NH-PEG1-N₃;

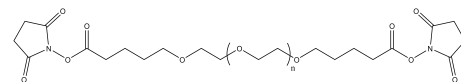
2-(2-Azidoethoxy)-N-(2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)acetamide;

2-(2-azidoethoxy)-N-[2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindol-4-yl]acetamide;

Pomalidomide-NH-PEG1-azide; Pomalidomide-NH-CO-PEG1-N₃;

SCHEMBL23037446; MFCD32198602

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Pomalidomide-PEG1-azide is an E3 ligase ligand-linker conjugate and has a cereblon ligand, a hydrophilic PEG linker, and a terminal azide, which reacts with molecules containing Alkyne groups, DBCO or BCN groups.
Molecular Weight	400.4
Molecular Formula	C ₁₇ H ₁₆ N ₆ O ₆
Functional Group 1	Azide
Functional Group 2	Pomalidomide
Functional Group 3	None
Reactive Group 1	Amine
IUPAC Name	2-(2-azidoethoxy)-N-[2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindol-4-yl]acetamide
InChI	InChI=1S/C17H16N6O6/c18-22-19-6-7-29-8-13(25)20-10-3-1-2-9-14(10)17(28)23(16(9)27)11-4-5-12(24)21-15(11)26/h1-3,11H,4-8H2,(H,20,25)(H,21,24,26)
InChI Key	SKTGGMFEGRISBY-UHFFFAOYSA-N
Canonical SMILES	C1CC(=O)NC(=O)C1N2C(=O)C3=C(C2=O)C(=CC=C3)NC(=O)COCCN=[N+]=[N-]
Form	Solid
Purity	95%
Identity	Confirmed by NMR.
Applications	Pomalidomide-PEG1-azide is used in the synthesis of molecules for targeted protein degradation

and PROTAC technology. It is a useful tool in biomedical fields such as drug delivery, bioconjugation, and therapeutic development.

Storage

Store at -20°C.
