

Product Information

Azide PEG reagent, 6-Azido-*N*-(2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)hexanamide, Purity 95%

Cat. No.: X24-10-WXX461

Size: 25 mg; 50 mg; 100 mg; 250 mg

CAS Number: 2227423-33-6

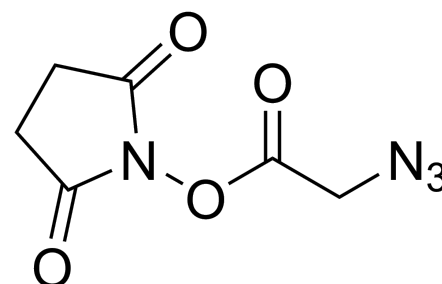
PubChem CID: 135389847

Synonym: 2227423-33-6;

6-Azido-*N*-(2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)hexanamide;

6-azido-*N*-[2-(2,6-dioxopiperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-

isindol-4-yl]hexanamide; SCHEMBL20573342; AKOS037654827



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

Product Information

Description	6-Azido- <i>N</i> -(2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)hexanamide is a reagent grade PROTAC linker featuring a pomalidomide, an aliphatic spacer, and an azide. Pomalidomide recruits E3 ligase for the ubiquitylation and subsequent proteolysis of target proteins.
Molecular Weight	412.4
Molecular Formula	C ₁₉ H ₂₀ N ₆ O ₅
Functional Group 1	Azide
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Alkyne
IUPAC Name	6-azido- <i>N</i> -[2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindol-4-yl]hexanamide
InChI	InChI=1S/C19H20N6O5/c20-24-21-10-3-1-2-7-14(26)22-12-6-4-5-11-16(12)19(30)25(18(11)29)13-8-9-15(27)23-17(13)28/h4-6,13H,1-3,7-10H2,(H,22,26)(H,23,27,28)
InChI Key	XCKILAXDBXPQRD-UHFFFAOYSA-N
Canonical SMILES	C1CC(=O)NC(=O)C1N2C(=O)C3=C(C2=O)C(=CC=C3)NC(=O)CCCCCN=[N+]=[N-]
Form	Solid
Purity	95%
Identity	Confirmed by NMR.

Applications	6-Azido- <i>N</i> -(2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)hexanamide is used in molecular biology and bioconjugation research by click chemistry. Pomalidomide recruits E3 ligase for the ubiquitination and subsequent proteolysis of target proteins.
Storage	Store at -20°C.