

Product Information

Aldehyde PEG reagent, 2-(2,6-dioxopiperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindole-5-carbaldehyde, Purity 95%

Cat. No.: X24-10-WXX468

Size: 50 mg; 100 mg; 250 mg

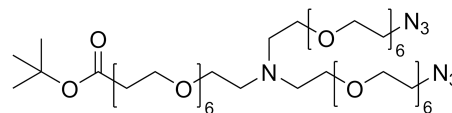
CAS Number: 1447701-63-4

PubChem CID: 71765029

Synonym: 2-(2,6-Dioxopiperidin-3-yl)-1,3-dioxoisoindoline-5-carbaldehyde;

1447701-63-4; SCHEMBL22358875

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



Product Information

Description	2-(2,6-dioxopiperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindole-5-carbaldehyde is a reagent grade thalidomide analog with an aldehyde.
Molecular Weight	286.2
Molecular Formula	C ₁₄ H ₁₀ N ₂ O ₅
Functional Group 1	Aldehyde
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Nucleophile
IUPAC Name	2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisoindole-5-carbaldehyde
InChI	InChI=1S/C14H10N2O5/c17-6-7-1-2-8-9(5-7)14(21)16(13(8)20)10-3-4-11(18)15-12(10)19/h1-2,5-6,10H,3-4H2,(H,15,18,19)
InChI Key	MTNZUEXCABRZFM-UHFFFAOYSA-N
Canonical SMILES	C1CC(=O)NC(=O)C1N2C(=O)C3=C(C2=O)C=C(C=C3)C=O
Form	Solid
Purity	95%
Identity	Confirmed by NMR.
Applications	2-(2,6-dioxopiperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindole-5-carbaldehyde is a useful tool in molecular biology, pharmaceutical chemistry, bioconjugation and therapeutic research.
Storage	Store at -20°C.

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