

Product Information

Amine PEG reagent, 4-[(7-Aminoheptyl)amino]-2-(2,6-dioxopiperidin-3-yl)isoindoline-1,3-dione, HCl salt, Purity 95%

Cat. No.: X24-10-WXX480

Size: 100 mg; 250 mg; 500 mg; 1 g

CAS Number: 2093387-55-2

PubChem CID: 139211247

Synonym: 2093387-55-2;

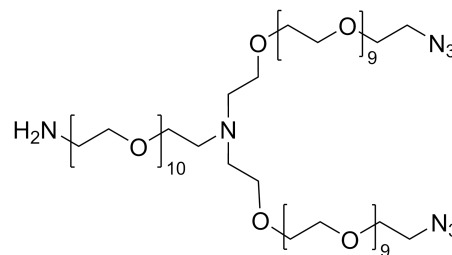
4-[(7-Aminoheptyl)amino]-2-(2,6-dioxopiperidin-3-yl)isoindoline-1,3-dione HCl;

Pomalidomide-C7-NH₂ hydrochloride; Pomalidomide-C7-NH₂ (hydrochloride);

4-((7-AMINOHEPTYL)AMINO)

-2-(2,6-DIOXOPIPERIDIN-3-YL)ISOINDOLINE-1,3-DIONE HYDROCHLORIDE

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



Product Information

Description	4-[(7-Aminoheptyl)amino]-2-(2,6-dioxopiperidin-3-yl)isoindoline-1,3-dione, HCl salt is a reagent grade PROTAC linker with an aliphatic hexyl spacer, a thalidomide analog, and a primary amine.
Molecular Weight	386.5
Molecular Formula	C ₂₀ H ₂₆ N ₄ O ₄
Functional Group 1	Amine
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	E3 Ligase
IUPAC Name	4-(7-aminoheptylamino)-2-(2,6-dioxopiperidin-3-yl)isoindole-1,3-dione;hydrochloride
InChI	InChI=1S/C20H26N4O4.C1H/c21-11-4-2-1-3-5-12-22-14-8-6-7-13-17(14)20(28)24(19(13)27)15-9-10-16(25)23-18(15)26;/h6-8,15,22H,1-5,9-12,21H2,(H,23,25,26);1H
InChI Key	QICRZTGJMYJVAT-UHFFFAOYSA-N
Canonical SMILES	C1CC(=O)NC(=O)C1N2C(=O)C3=C(C2=O)C(=CC=C3)NCCCCCCCN.Cl
Form	Solid
Purity	95%
Identity	Confirmed by NMR.

Applications	4-[(7-Aminoheptyl)amino]-2-(2,6-dioxopiperidin-3-yl)isoindoline-1,3-dione, HCl salt is primarily utilized in medicinal chemistry and also contributing to the development of novel drug delivery systems through its unique structural properties that facilitate interactions with biological targets.
Storage	Store at -20°C.