

Product Information

Amine/Cereblon PEG reagent, Thalidomide-O-amido-C8-NH₂, TFA salt, Purity 95%

Cat. No.: X24-10-WXX475

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

CAS Number: 1950635-16-1

PubChem CID: 121411067

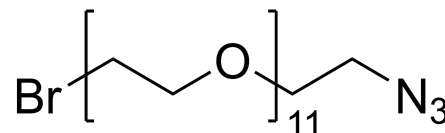
Synonym: 1950635-16-1; E3 ligase ligand-linker conjugates 17;

Thalidomide-O-amido-C8-NH₂ (TFA);

N-(8-aminoctyl)-2-((2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)oxy)acetamide

2,2,2-trifluoroacetate; SCHEMBL17839806

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



Product Information

Description	Thalidomide-O-amido-C8-NH ₂ , TFA salt contains a Cereblon ligand and an alkylC8 linker with a terminal amine.
Molecular Weight	458.5
Molecular Formula	C ₂₃ H ₃₀ N ₄ O ₆
Functional Group 1	Amine
Functional Group 2	Cereblon
Functional Group 3	None
Reactive Group 1	Acid
IUPAC Name	<i>N</i> -(8-aminoctyl)-2-[2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindol-4-yl]oxyacetamide;2,2,2-trifluoroacetic acid
InChI	InChI=1S/C23H30N4O6.C2HF3O2/c24-12-5-3-1-2-4-6-13-25-19(29)14-33-17-9-7-8-15-20(17)23(32)27(22(15)31)16-10-11-18(28)26-21(16)30;3-2(4,5)1(6)7/h7-9,16H,1-6,10-14,24H2,(H,25,29)(H,26,28,30);(H,6,7)
InChI Key	AJVLNIUPDHKOPS-UHFFFAOYSA-N
Canonical SMILES	C1CC(=O)NC(=O)C1N2C(=O)C3=C(C2=O)C(=CC=C3)OCC(=O)NCCCCCCCCN.C(=O)(C(F)(F)F)O
Form	Solid

Purity	95%
Identity	Confirmed by NMR.
Applications	Thalidomide-O-amido-C8-NH ₂ , TFA salt is primarily utilized in pharmacological therapeutic research applications, where it enhances the delivery and efficacy of other therapeutic agents.
Storage	Store at -20°C.