



Product Information

E3 ligase ligand-linker conjugate inhibitor, Thalidomide-O-amido-C3-NH₂, Purity ≥98%

Cat. No.: X24-09-YM720

Size: 5 mg; 10 mg; 50 mg; 100 mg

MDL: MFCD32215305

CAS Number: 2022182-58-5

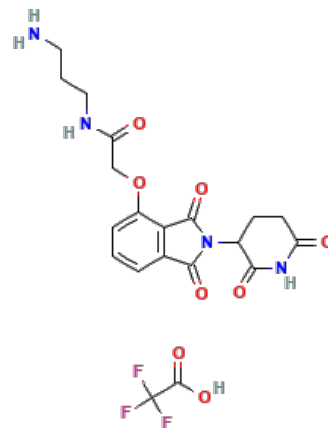
Compound CID: 139291000

Synonym: 2022182-58-5; Cereblon ligand-linker conjugate 16 (TFA); E3 Ligase ligand-linker conjugate 52 (TFA); *N*

-(3-Aminopropyl)-2-[2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindol-4-yl]oxyacetamide;

2,2,2-trifluoroacetic acid; E3 ligase ligand-linker conjugate inhibitor

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



Product Information

Description	Thalidomide-O-amido-C3-NH ₂ is an effective PROTAC inhibitor, that has the ability to prevent the pathway of E3 ligase ligand-linker conjugation. The molecular weight of the compound is 502.4, and its molecular formula is C ₂₀ H ₂₁ F ₃ N ₄ O ₈ .
Molecular Weight	502.4
Molecular Formula	C ₂₀ H ₂₁ F ₃ N ₄ O ₈
IUPAC Name	<i>N</i> -(3-Aminopropyl)-2-[2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindol-4-yl]oxyacetamide; 2,2,2-trifluoroacetic acid
InChI	InChI=1S/C18H20N4O6.C2HF3O2/c19-7-2-8-20-14(24)9-28-12-4-1-3-10-15(12)18(27)22(17(10)26)11-5-6-13(23)21-16(11)25;3-2(4,5)1(6)7/h1,3-4,11H,2,5-9,19H2,(H,20,24)(H,21,23,25);(H,6,7)
InChI Key	OKTNKIORKNBBAG-UHFFFAOYSA-N
Canonical SMILES	C1CC(=O)NC(=O)C1N2C(=O)C3=C(C2=O)C(=CC=C3)OCC(=O)NCCCN.C(=O)(C(F)(F)F)O
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.



Quality Level	Research grade
Applications	Thalidomide-O-amido-C3-NH ₂ plays a key role in enhancing immune modulation and apoptosis induction.
Storage	Store at -20°C, and keep desiccated.
