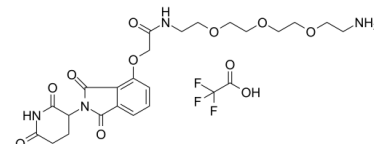


Data Sheet

Product Name:	Thalidomide-O-amido-PEG3-C2-NH2 (TFA)
Cat. No.:	CS-7753
CAS No.:	1957236-21-3
Molecular Formula:	C25H31F3N4O11
Molecular Weight:	620.53
Target:	E3 Ligase Ligand-Linker Conjugate
Pathway:	PROTAC
Solubility:	DMSO : 50 mg/mL (80.58 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Thalidomide-O-amido-PEG3-C2-NH2 TFA is a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and 3-unit PEG linker used in **PROTAC** technology. IC50 & Target: E3 Ligase Ligand-Linker Conjugate^[1]

References:

[1]. BRADNER, James, et al. METHODS TO INDUCE TARGETED PROTEIN DEGRADATION THROUGH BIFUNCTIONAL MOLECULES. WO2017024317A2.

CAIndexNames:

Acetamide, N-[2-[2-[2-(2-aminoethoxy)ethoxy]ethoxy]ethyl]-2-[[2-(2,6-dioxo-3-piperidiny)-2,3-dihydro-1,3-dioxo-1H-isoindol-4-yl]oxy]-, 2,2,2-trifluoroacetate (1:1)

SMILES:

O=C(N(C(CCC1=O)C(N1)=O)C2=O)C(C2=CC=C3)=C3OCC(NCCOCCOCCOCCN)=O.FC(F)(F)C(O)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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