



Product Information

E3 ligase ligand-linker conjugate inhibitor, Lenalidomide-C5-NH₂, Purity ≥98%

Cat. No.: X24-09-YM708

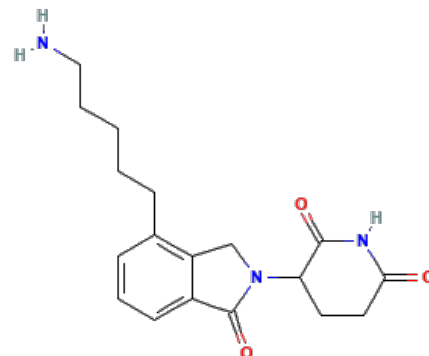
Size: 100 mg; 200 mg; 500 mg; 1 g

MDL: MFCD31812498

CAS Number: 2093388-45-3

Compound CID: 131986886

Synonym: 2093388-45-3; Cereblon ligand-linker conjugate 19; E3 ligase ligand-linker conjugate 31; 3-[7-(5-Aminopentyl)-3-oxo-1*H*-isoindol-2-yl]piperidine-2,6-dione; E3 ligase ligand-linker conjugate inhibitor



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

Product Information

Description	Lenalidomide-C5-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 329.39, and its molecular formula is C ₁₈ H ₂₃ N ₃ O ₃ .
Molecular Weight	329.39
Molecular Formula	C ₁₈ H ₂₃ N ₃ O ₃
IUPAC Name	3-[7-(5-Aminopentyl)-3-oxo-1 <i>H</i> -isoindol-2-yl]piperidine-2,6-dione
InChI	InChI=1S/C18H23N3O3/c19-10-3-1-2-5-12-6-4-7-13-14(12)11-21(18(13)24)15-8-9-16(22)20-17(15)23/h4,6-7,15H,1-3,5,8-11,19H2,(H,20,22,23)
InChI Key	ZZXXBKHLDNFHCQ-UHFFFAOYSA-N
Canonical SMILES	C1CC(=O)NC(=O)C1N2CC3=C(C=CC=C3C2=O)CCCCCN
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	Lenalidomide-C5-NH ₂ can be studied extensively for its potential therapeutic applications in the treatment of multiple myeloma and certain lymphomas.
Storage	Store at -20°C, and keep desiccated.



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