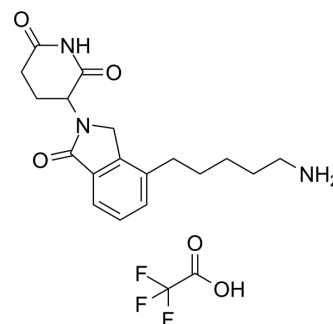


Lenalidomide-C5-NH2 TFA

Cat. No.:	HY-122725A
CAS No.:	2550398-71-3
Molecular Formula:	C ₂₀ H ₂₄ F ₃ N ₃ O ₅
Molecular Weight:	443.42
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



BIOLOGICAL ACTIVITY

Description	Lenalidomide-C5-NH ₂ is the Lenalidomide-based Cereblon ligand used in the recruitment of CRBN protein. Lenalidomide-C5-NH ₂ can be connected to the ligand for protein by a linker to form PROTACs, such as MDM2 PROTAC degrader ^{[1][2]} .
IC ₅₀ & Target	Cereblon

REFERENCES

[1]. Zhou B, et al. Discovery of a Small-Molecule Degradator of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. *J Med Chem.* 2018;61(2):462-481.

[2]. Li Y, Yang J, et al. Discovery of MD-224 as a First-in-Class, Highly Potent, and Efficacious Proteolysis Targeting Chimera Murine Double Minute 2 Degradator Capable of Achieving Complete and Durable Tumor Regression. *J Med Chem.* 2019;62(2):448-466.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA