

Product Datasheet

PT-179

Catalog No. **BP-00063** · CAS **2924858-25-1** · Form **free base** · Physical state **solid** · Color **Light yellow to yellow** · Version **1.0**
· Revision **2026-09-14**

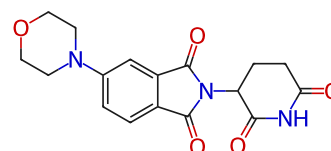
FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.

Target Ligands for E3 Ligase; Molecular Glues	Research area Cancer
---	--------------------------------

Molecular formula **C₁₇H₁₇N₃O₅**

Molecular weight **343.3340**

STRUCTURE



DESCRIPTION

PT-179 is a selective molecular glue and thalidomide derivative, binds CRBN with a K_d of 587 nM, does not induce degradation of known pomalidomide neosubstrates.

BIOLOGICAL ACTIVITY

In Vitro

SD40 is a degradation tag specific for PT-179. PT-179 (1-10 μM; 24 h) can induce eGFP degradation in HEK293T cells. The higher the evolution degree of the degron variant, the stronger the degradation efficiency of the corresponding tagged protein.

SOLUBILITY

Soluble in DMSO

REFERENCES

[1]. Mercer JAM, DeCarlo SJ, Roy Burman SS, et al. Continuous evolution of compact protein degradation tags regulated by selective molecular glues. Science. 2024;383(6688):eadk4422. doi:10.1126/science.adk4422

Tel: +86 20 31130026 · Fax: +86 20 36822386 · tech@biochemprobe.com · www.biochemprobe.com

BiochemProbe is the catalog brand of Guangzhou Yuyuan Biotech Co., Ltd. · For research use only.

Lot CoA and SDS are separate documents.