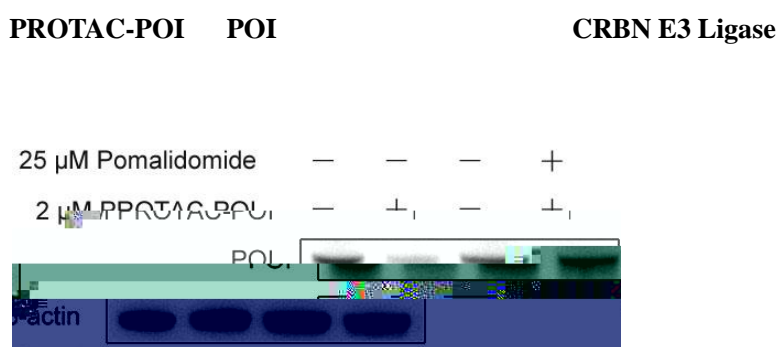




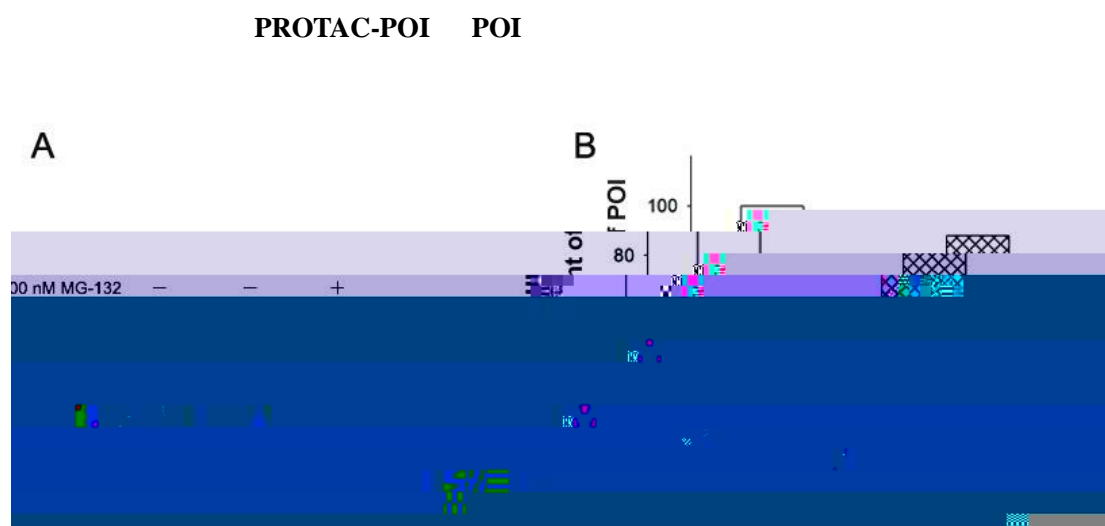
**Fig. 2 Western Blot Images showing POI degradation by PROTAC-POI**

- A. Images showing POI protein level measured by western blot assay after 24-h treatment with PROTAC-POI at concentrations starting from 3333 nM and 1:3 serial dilution in OCI-LY10 cells.
- B. Degradation Curve of POI. Relative POI level was quantized using Image J software and normalized to both DMSO and cyclophilin A (a loading control). Then, DC50 was determined using the nonlinear regression dose-response equation in GraphPad Prism.



**Fig. 3 CUL4-CRBN E3 Ligase mediates PROTAC-POI-induced POI Degradation**

CRBN inhibitor pomalidomide for 1 h, then incubated with the combination of PROTAC-POI and pomalidomide for another 24 h. Cells were collected and subjected to western blot assay.  $\beta$ -actin was used as a loading control.



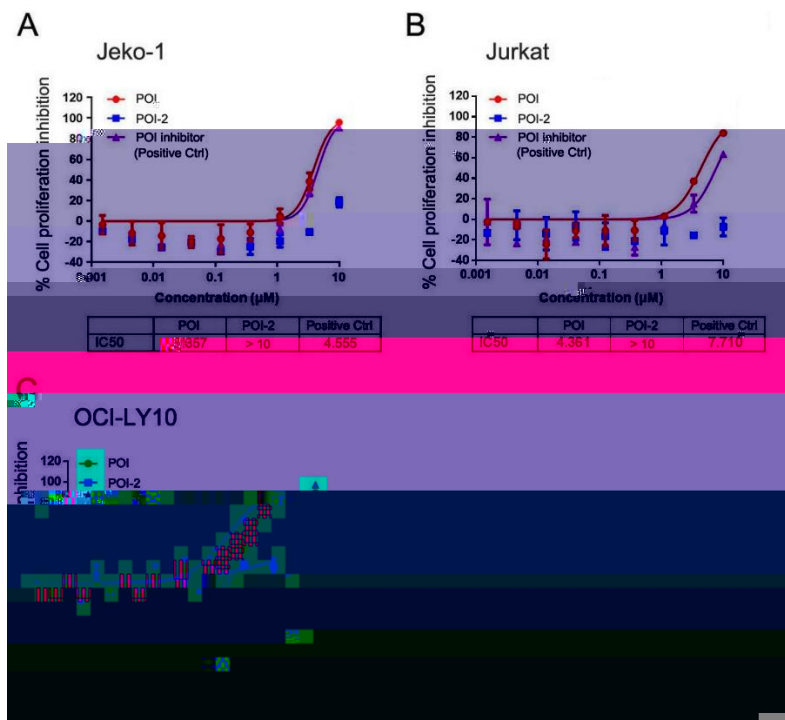
**Fig. 4 Proteasome system mediates PROTAC-POI-induced POI Degradation**

- A. Western Blot images showing POI level after 1- and then 24-h treatment with PROTAC-POI in HEK 293T cells.  $\beta$ -actin was used as a loading control.



B. Bar chart shows quantized POI level. Protein level in (A) was quantified by using -actin loading control.

**PROTAC-POI**



**Fig. 5 Proliferation inhibition effects of POI in the indicated cell lines at 120 h after treatment**

The cells were treated with the indicated three types of PROTAC molecules for 120 h -fold serial dilution covering 9 different doses. Proliferation inhibition was examined by using the nonlinear regression dose-response equation in GraphPad Prism.

1. Blot POI PROTAC-POI POI Western
2. POI-EGFP PROTAC-POI POI IC50  
26 nM; Western Blot PROTAC-POI POI DC50 28.9 nM  
HEK293T OE POI-EGFP PROTAC-POI POI  
HEK293T OE POI-EGFP PROTAC-POI



- 
3. CRBN Pomalidomide PROTAC-POI POI  
CUL4-DDB1-CRBN E3 PROTAC-POI POI
4. MG-132 PROTAC-POI POI  
PROTAC-POI POI
5. PROTAC-POI I