Table of Contents

1.	Supplemental Figures	S2
2.	¹ H and ¹³ C NMR spectra of the compounds	S6
3.	HPLC analysis	S18
4.	HRMS spectra	S22

1. Supplemental Figures





Supplemental Figure 1. Ternary complex structure and protein-ligand interaction of PROTAC 1 (gray: CRBN, brown: H-PGDS, GTT = glutathione).





Supplemental Figure 2. Ternary complex structure and protein-ligand interaction of **PROTAC 2** (gray: CRBN, brown: H-PGDS, GTT = glutathione).



Supplemental Figure 3. Ternary complex structure and protein-ligand interaction of **PROTAC 3** (gray: CRBN, brown: H-PGDS, GTT = glutathione).





Supplemental Figure 4. Ternary complex structure and protein-ligand interaction of **PROTAC 4** (gray: CRBN, brown: H-PGDS, GTT = glutathione).

2. ¹H and ¹³C NMR spectra of the compounds



¹H NMR of Compound **2**







6.0

9.0 8.0 $\bigwedge_{\substack{\Sigma = \frac{1}{2} \\ \overline{\Sigma} \\ \overline$



5.0

1.0

0

0.000

-1.0



¹³C NMR of Compound 4





¹³C NMR of Compound **5**





¹³C NMR of Compound **6**





¹³C NMR of Compound **8**





¹³C NMR of **PROTAC 2**



















¹³C NMR of **PROTAC 6**







3. HPLC analysis

Analytical HPLC of **PROTAC 2**

Purity: >99% ($t_{\rm R}$ = 16.1 min)



Analytical HPLC of PROTAC 3

Purity: 98% ($t_{\rm R}$ = 10.5 min)



Analytical HPLC of **PROTAC 4**

Purity: 97% ($t_{\rm R} = 10.3 \text{ min}$)



Analytical HPLC of PROTAC 5



Analytical HPLC of PROTAC 6

Purity: 95% ($t_{\rm R} = 11.8 \text{ min}$)



Analytical HPLC of **PROTAC 7**

Purity: 95% ($t_{\rm R}$ = 11.5 min)



4. HRMS spectra

HRMS of PROTAC 2



HRMS of PROTAC 3



HRMS of PROTAC 4



HRMS of **PROTAC 5**



HRMS of PROTAC 6



HRMS of PROTAC 7

