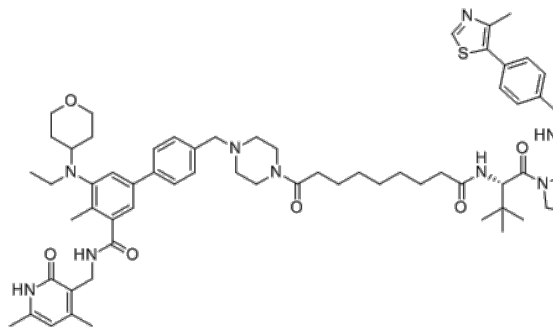


**Product Name** : MS8815  
**Cat. No.** : PC-49077  
**CAS No.** : 2855085-25-3  
**Molecular Formula** : C<sub>65</sub>H<sub>87</sub>N<sub>9</sub>O<sub>8</sub>S  
**Molecular Weight** : 1154.526  
**Target** : PROTAC  
**Solubility** : 10 mM in DMSO



## Biological Activity

MS8815 is a potent, selective **EZH2 PROTAC degrader** with IC<sub>50</sub> of 8.6 nM against EZH2, induces robust EZH2 degradation in a concentration-, time-, and proteasome-dependent manner in TNBC cells.

MS8815 effectively suppressed the cell growth in multiple TNBC cell lines (BT549 cell, GI<sub>50</sub>=2.0 uM) and primary patient TNBC cells (Patient 515a cells, GI<sub>50</sub>=1.4 uM).

MS8815 displays superior growth inhibition and EZH2 degradation to MS177 in BT549 cells.

The EZH2 degradation induced by MS8815 is rescued by the NEDD8 activating E1 enzyme (NAE) inhibitor MLN4924.

## References

Brandon Dale, et al. *ACS Pharmacol. Transl. Sci.* 2022, 5, 7, 491-507.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com