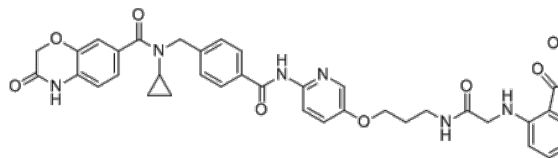


**Product Name** : MS159  
**Cat. No.** : PC-49208  
**CAS No.** : 3031353-59-7  
**Molecular Formula** : C<sub>43</sub>H<sub>40</sub>N<sub>8</sub>O<sub>10</sub>  
**Molecular Weight** : 828.839  
**Target** : PROTAC  
**Solubility** : 10 mM in DMSO



## Biological Activity

MS159 is a first-in-class **NSD2 proteolysis targeting chimera (PROTAC) degrader** of nuclear receptor binding SET domain protein 2 (NSD2), also effectively degrades CRBN neo-substrates IKZF1 and IKZF3, but not GSPT1.

MS159 effectively degrades NSD2 in a concentration-, time-, CRBN-, and proteasome-dependent manner.

MS159 is much more effective in suppressing the growth in cancer cells than the parent NSD2 binder UNC6934.

MS159 is bioavailable in mice and is a valuable chemical tool for exploring the roles of NSD2 in health and disease.

## References

Meng F, et al. *J Med Chem.* 2022 Jul 27. doi: 10.1021/acs.jmedchem.2c00807.

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

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