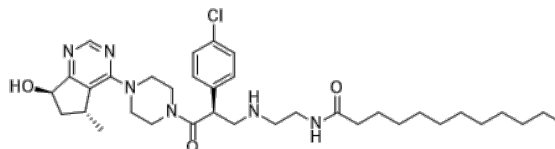


**Product Name** : MS98  
**Cat. No.** : PC-22098  
**CAS No.** : 2376137-31-2  
**Molecular Formula** : C<sub>58</sub>H<sub>81</sub>ClN<sub>10</sub>O<sub>7</sub>S  
**Molecular Weight** : 1097.86  
**Target** : PROTAC  
**Solubility** : 10 mM in DMSO



CAS: 2376137-31-2

## Biological Activity

MS98 (AKT PROTAC degrader) is a potent, selective von Hippel-Lindau (VHL)-recruiting AKT PROTAC degrader with DC50 of 78 nM (cellular T-AKT in BT474 cells).

MS98 binds to AKT1, AKT2, and AKT3 with Kds of 4 nM, 140 nM, and 8.1 nM, respectively.

MS98 selectively induces robust AKT protein degradation, inhibits downstream signaling, and suppresses cancer cell proliferation.

MS98 is a useful chemical tool to investigate biological and pathogenic functions of AKT in vitro and in vivo.

## References

Yu X, et al. J Med Chem. 2021;64(24):18054-18081.

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

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