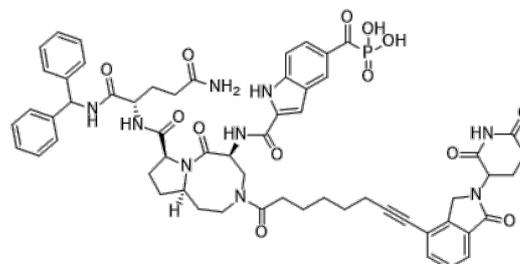


**Product Name** : SD-91  
**Cat. No.** : PC-24975  
**CAS No.** : 2497583-03-4  
**Molecular Formula** : C<sub>59</sub>H<sub>62</sub>N<sub>9</sub>O<sub>13</sub>P  
**Molecular Weight** : 1136.15  
**Target** : PROTAC  
**Solubility** : 10 mM in DMSO



CAS: 2497583-03-4

## Biological Activity

SD-91 is a potent, selective **STAT3 PROTAC** degrader with DC50 of 17 nM in SU-DHL-1 cell line.

SD-91 binds to STAT3 protein with a high affinity and displays >300-fold selectivity over other STAT family protein members.

SD-91 potently and effectively induces degradation of STAT3 protein and displays a high selectivity over other STAT members and >7000 non-STAT proteins in cells.

SD-91 selectively depletes STAT3 protein in tumor tissues with a persistent effect. complete and long-lasting tumor regression in the MOLM-16 xenograft model in mice.

## References

Zhou H, et al. *ACS Med Chem Lett.* 2021 May 10;12(6):996-1004.

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

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