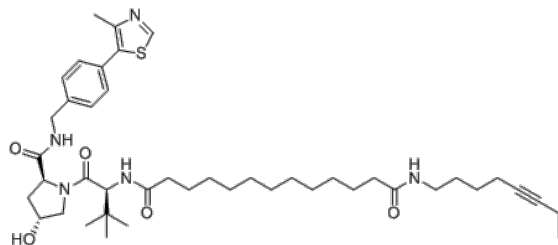


**Product Name** : MS6105  
**Cat. No.** : PC-49594  
**CAS No.** : 2891709-58-1  
**Molecular Formula** : C<sub>65</sub>H<sub>81</sub>N<sub>9</sub>O<sub>9</sub>S<sub>3</sub>  
**Molecular Weight** : 1228.597  
**Target** : PROTAC  
**Solubility** : 10 mM in DMSO

1. Ning Sun, et al. *J Med Chem*. 2023 Jan 12;66(1):596-610.



## Biological Activity

MS6105 is the first **lactate dehydrogenase (LDH)** proteolysis targeting chimera (PROTAC) degrader, degrades both LDHA and LDHB significantly with DC50 of 38 and 74 nM in PANC-1 cells, respectively.

MS6105 significantly more potent than the parent LDH inhibitor in suppressing the growth of both quasi-mesenchymal state and epithelial state pancreatic cancer cell lines.

MS6105 is bioavailable in mice through intraperitoneal injection.

## References

