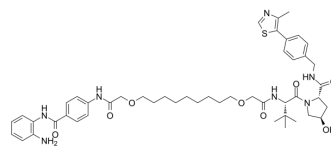


JPS016

| | |
|--------------------|---|
| Cat. No.: | HY-145816 |
| CAS No.: | 2669785-77-5 |
| Molecular Formula: | C ₄₈ H ₆₃ N ₇ O ₈ S |
| Molecular Weight: | 898.12 |
| Target: | HDAC; PROTACs |
| Pathway: | Cell Cycle/DNA Damage; Epigenetics; PROTAC |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

JPS016 is a benzamide-based Von Hippel-Lindau (VHL) E3-ligase proteolysis targeting chimeras (PROTAC). JPS016 degrades class I histone deacetylase (HDAC). JPS016 is potent HDAC1/2 degrader correlated with greater total differentially expressed genes and enhanced apoptosis in HCT116 cells^[1].

REFERENCES

[1]. Smalley JP, et al. Optimization of Class I Histone Deacetylase PROTACs Reveals that HDAC1/2 Degradation is Critical to Induce Apoptosis and Cell Arrest in Cancer Cells. *J Med Chem.* 2022;65(7):5642-5659.

Caution: Product has not been fully validated for medical applications. For research use only.

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