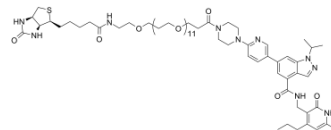


UNC2399

Cat. No.:	HY-136188
CAS No.:	2412791-72-9
Molecular Formula:	C ₄₈ H ₆₆ N ₁₀ O ₇ S
Molecular Weight:	927.17
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	UNC2399, a biotinylated UNC1999, is a selective EZH2 degrader, maintaining high in vitro potency for EZH2, with an IC ₅₀ of 17 nM ^{[1][2]} .
IC ₅₀ & Target	EZH2 17 nM (IC ₅₀)
In Vitro	UNC2399 (1-1000 nM) displays high in vitro potency (IC ₅₀ =17±2 nM) in the EZH2 radioactive biochemical assay ^[1] . UNC2399 (100 μM) enriches EZH2 from HEK293T cell lysates ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Konze KD, et, al. An orally bioavailable chemical probe of the Lysine Methyltransferases EZH2 and EZH1. ACS Chem Biol. 2013; 8(6): 1324-34.
- [2]. Ma A, et, al. Discovery of a first-in-class EZH2 selective degrader. Nat Chem Biol. 2020 Feb;16(2):214-222.

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

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