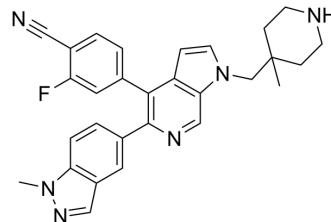


LSD1-UM-109

Cat. No.:	HY-149595
CAS No.:	2252446-26-5
Molecular Formula:	C ₂₉ H ₂₇ FN ₆
Molecular Weight:	478.56
Target:	Histone Demethylase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LSD1-UM-109 is a highly potent and reversible LSD1 inhibitor with an IC ₅₀ of 3.1 nM. LSD1-UM-109 inhibits cell growth with IC ₅₀ values of 0.6 nM in the MV4;11 acute leukemia cell line and 1.1 nM in the H1417 small-cell lung cancer cell line ^[1] .
IC ₅₀ & Target	LSD1 3.1 nM (IC ₅₀)

REFERENCES

[1]. Canhui Zheng, et al. Discovery of Pyrrolo[2,3- c]pyridines as Potent and Reversible LSD1 Inhibitors. ACS Med Chem Lett. 2023 Sep 21;14(10):1389-1395.

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

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