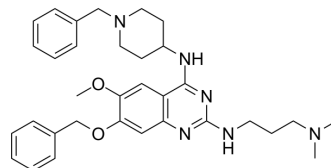


LSD1-IN-19

Cat. No.:	HY-146284
CAS No.:	2983011-81-8
Molecular Formula:	C ₃₃ H ₄₂ N ₆ O ₂
Molecular Weight:	554.73
Target:	Histone Demethylase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LSD1-IN-19 (compound 29) is a potent, non-covalent and selective LSD1 inhibitor, with K _i of 0.108 μM and K _D of 0.068 μM, respectively. LSD1-IN-19 shows antiproliferative activity in THP-1 leukemia cells and MDA-MB-231 breast cancer cells, with IC ₅₀ (72 h) of 0.17 and 0.40 μM, respectively ^[1] .
IC ₅₀ & Target	KDM1/LSD1

REFERENCES

[1]. Menna M, et al. Novel non-covalent LSD1 inhibitors endowed with anticancer effects in leukemia and solid tumor cellular models. *Eur J Med Chem.* 2022 Jul 5;237:114410.

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

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