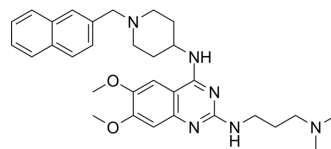


## LSD1-IN-18

Cat. No.:	HY-146283
CAS No.:	2983011-61-4
Molecular Formula:	C <sub>31</sub> H <sub>40</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	528.69
Target:	Histone Demethylase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	LSD1-IN-18 (compound 7) is a potent, non-covalent and selective LSD1 inhibitor, with $K_i$ of 0.156 $\mu$ M and $K_D$ of 0.075 $\mu$ M, respectively. LSD1-IN-18 shows antiproliferative activity in THP-1 leukemia cells and MDA-MB-231 breast cancer cells, with $IC_{50}$ (72 h) of 0.16 and 0.21 $\mu$ M, respectively <sup>[1]</sup> .
$IC_{50}$ & 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA