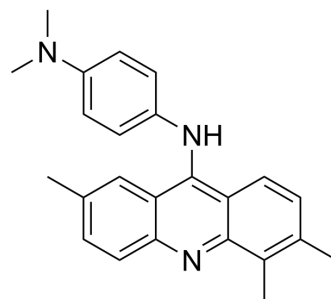


## LSD1-IN-27

Cat. No.:	HY-155115
CAS No.:	2904571-94-2
Molecular Formula:	C <sub>24</sub> H <sub>25</sub> N <sub>3</sub>
Molecular Weight:	355.48
Target:	Histone Demethylase; PD-1/PD-L1
Pathway:	Epigenetics; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	LSD1-IN-27 (Compound 5ac) is a LSD1 inhibitor (IC <sub>50</sub> : 13 nM). LSD1-IN-27 inhibits the stemness and migration of gastric cancer cells. LSD1-IN-27 also reduces the expression of PD-L1 in BGC-823 and MFC cells. LSD1-IN-27 can enhance T cell immune response in gastric cancer <sup>[1]</sup> .
IC <sub>50</sub> & Target	13 nM (LSD1) <sup>[1]</sup>

### REFERENCES

[1]. Dai XJ, et al. Novel acridine-based LSD1 inhibitors enhance immune response in gastric cancer. Eur J Med Chem. 2023 Nov 5;259:115684.

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

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