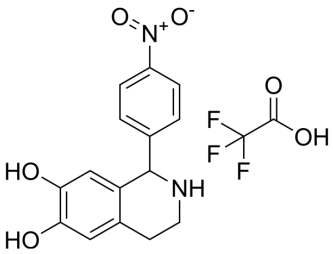
FY-21

Cat. No.:	HY-155526
Molecular Formula:	$C_{17}H_{15}F_3N_2O_6$
Molecular Weight:	400.31
Target:	Histone Demethylase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FY-21 is a selective inhibitor of LSD1 (IC_{50}=340 nM), with anti-proliferation and anti-colony formation activities. FY-21 enhances p53 expression, down-regulates HOXA9 and MEIS1 expression. FY-21 also induces leukemia cell differentiation to exhibts antitumor activity[1].
IC_{50} & Target	IC50: 340 nM (LSD1)[1]

REFERENCES

[1]. Yang C, et al. Discovery of new tetrahydroisoquinolines as potent and selective LSD1 inhibitors for the treatment of MLL-rearranged leukemia. Eur J Med Chem. 2023 Sep 5;257:115516.

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