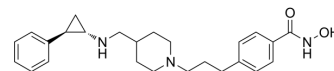


LSD1/HDAC6-IN-1

Cat. No.:	HY-131970
CAS No.:	2738306-38-0
Molecular Formula:	C ₂₅ H ₃₃ N ₃ O ₂
Molecular Weight:	407.55
Target:	Histone Demethylase; HDAC
Pathway:	Epigenetics; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LSD1/HDAC6-IN-1 is an orally active dual inhibitor of lysine specific demethylase 1(LSD1)/Histone deacetylase 6 (HDAC6), with anti-tumor activity. LSD1/HDAC6-IN-1 can be used for the research of multiple myeloma (MM) ^[1] .	
IC ₅₀ & Target	KDM1/LSD1	HDAC6
In Vitro	LSD1/HDAC6-IN-1 shows superior potency in multiple MM lines ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
In Vivo	LSD1/HDAC6-IN-1 is efficacy in the MM.1S xenograft mode ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. M Naveen Sadhu, et al. Novel dual LSD1/HDAC6 inhibitors for the treatment of multiple myeloma. Bioorg Med Chem Lett. 2020 Dec 24;34:127763.

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