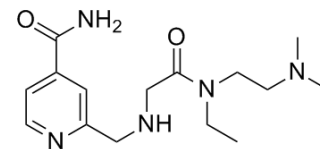


KDOAM-25

Cat. No.:	HY-102047
Molecular Formula:	C ₁₅ H ₂₅ N ₅ O ₂
Molecular Weight:	307.39
Target:	Histone Demethylase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	KDOAM-25 is a potent and selective KDM5 inhibitor with IC ₅₀ s of 71, 19, 69, 69 nM for KDM5A, KDM5B, KDM5C, KDM5D, respectively.
-------------	--

IC ₅₀ & Target	IC ₅₀ : 71 nM (KDM5A), 19 nM (KDM5B), 69 nM (KDM5C), 69 nM (KDM5D) ^[1]
---------------------------	--

REFERENCES

[1]. Tumber A, et al. Potent and Selective KDM5 Inhibitor Stops Cellular Demethylation of H3K4me3 at Transcription Start Sites and Proliferation of MM1S Myeloma Cells. Cell Chem Biol. 2017 Mar 16;24(3):371-380.

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