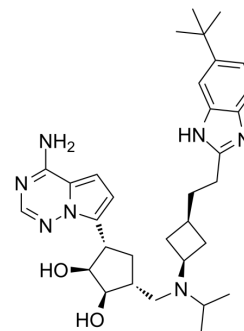


MU1656

Cat. No.:	HY-145813
CAS No.:	2766698-38-6
Molecular Formula:	C ₃₂ H ₄₅ N ₇ O ₂
Molecular Weight:	559.75
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MU1656 is a potent and selective inhibitor of histone methyltransferase DOT1L, with an IC ₅₀ of 2 nM. MU1656 can be used for the research of hematological malignancies ^[1] .	
IC ₅₀ & Target	DOT1L	DOT1L 2 nM (IC ₅₀)

REFERENCES

[1]. Khirsariya P, et, al. Synthesis and Profiling of Highly Selective Inhibitors of Methyltransferase DOT1L Based on Carbocyclic C-Nucleosides. J Med Chem. 2022 Apr 14;65(7):5701-5723.

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