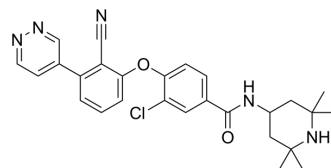


EZH2-IN-1

Cat. No.:	HY-122595
CAS No.:	1377997-28-8
Molecular Formula:	C ₂₇ H ₂₈ ClN ₅ O ₂
Molecular Weight:	490
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EZH2-IN-1 (compound 3) is a selective and SAM-competitive EZH2 and EZH1 inhibitor with an IC₅₀s of 32 nM, 197 nM and 213 nM for EZH2wt, EZH2 Y641N mutant and EZH1, respectively. EZH2-IN-1 reduces bulk H3K27me3 and H3K27me2 levels. EZH2-IN-1 has the potential for diffuse large B cell lymphoma research^[1].

REFERENCES

[1]. Shivani Garapaty-Rao, et al. Identification of EZH2 and EZH1 small molecule inhibitors with selective impact on diffuse large B cell lymphoma cell growth. Chem Biol. 2013 Nov 21;20(11):1329-39.

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

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