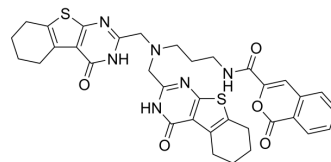


LEM-14-1189

Cat. No.:	HY-125244
Molecular Formula:	C ₃₅ H ₃₄ N ₆ O ₅ S ₂
Molecular Weight:	682.81
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LEM-14-1189, a LEM-14 (HY-114340) derivative, is a NSDs inhibitor with IC ₅₀ s of 418 μM (NSD1), 111 μM (NSD2), and 60 μM (NSD3), respectively. The NSDs, histone lysine methyltransferases (HMTases), are oncoproteins, drivers of a number of tumors. LEM-14-1189 can be used for multiple myeloma (MM) research ^[1] .
IC ₅₀ & Target	418 μM (NSD1), 111 μM (NSD2), and 60 μM (NSD3) ^[1]

REFERENCES

[1]. Shen Y, et al. Identification of LEM-14 inhibitor of the oncoprotein NSD2. Biochem Biophys Res Commun. 2019 Jan 1;508(1):102-108.

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

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