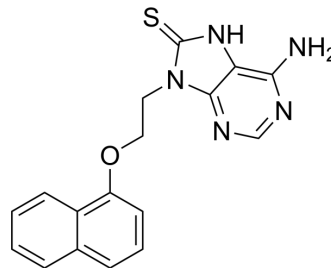


NSD3-IN-2

Cat. No.:	HY-142094
CAS No.:	675190-57-5
Molecular Formula:	C ₁₇ H ₁₅ N ₅ OS
Molecular Weight:	337.4
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NSD3-IN-2 is a potent NSD3 inhibitor with an IC ₅₀ value of 17.97 μM. NSD3-IN-2 inhibits the growth and proliferation of non-small cell lung cancer cell lines H460, H1299 and H1650 with anti-cancer activity ^[1] .
In Vitro	NSD3-IN-2 (compound C6) (30 μM; 48 h) inhibits H3K36me3 expression in H460, H1299, H1560 cells ^[1] . NSD3-IN-2 (50 μM; 7-16 d) inhibits cell proliferation of H460, H1299, H1560 cells while failing to inhibit A549 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Piao Lianhua, et al. Application of compound C6 as histone methyltransferase NSD3 inhibitor: China, CN109223794[P].2019-01-18.

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

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