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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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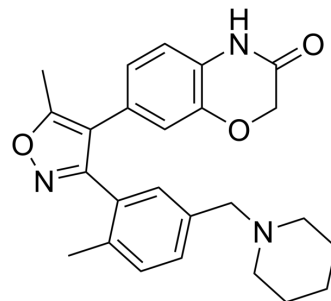
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NSD2-PWWP1 ligand 1

Cat. No.:	HY-161670
Molecular Formula:	C ₂₅ H ₂₇ N ₃ O ₃
Molecular Weight:	417.5
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NSD2-PWWP1 ligand 1 (compound 34) is a small molecule ligand targeting the NSD2-PWWP1 domain (pIC₅₀: 8.2). NSD2 is a large multidomain protein with histone writer and histone reader functions. Dysregulation of the levels of histone methyltransferase nuclear receptor binding SET domain 2 (NSD2) may lead to a variety of hematological and solid malignancies. NSD2-PWWP1 ligand 1 binds to NSD2, reducing its enzymatic activity and inhibiting tumorigenesis^[1].

REFERENCES

[1]. Carlino L, et al. Identification of Novel Potent NSD2-PWWP1 Ligands Using Structure-Based Design and Computational Approaches. *J Med Chem.* 2024 Jun 13;67(11):8962-8987.

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

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