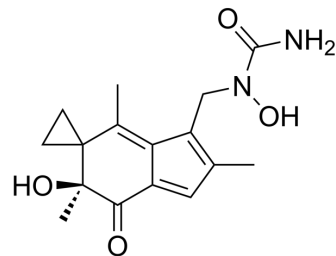


LP-284

Cat. No.:	HY-139453A
CAS No.:	2412580-47-1
Molecular Formula:	C ₁₆ H ₂₀ N ₂ O ₄
Molecular Weight:	304.34
Target:	DNA Alkylator/Crosslinker
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

LP-284 is a potent DNA alkylating agent that kills solid tumours. LP-284 can be used in the studies of hematologic cancers with compromised DNA repair, such as mantle cell lymphoma (MCL)^{[1][2]}.

REFERENCES

- [1]. Zhou J, et al. MCL-319 LP-284 - A Highly Potent Small Molecule Targeting Mantle Cell Lymphoma. Clin Lymphoma Myeloma Leuk. 2022 Oct;22 Suppl 2:S396.
- [2]. Zhou J, et al. The Positive Enantiomer of a Novel Chiral DNA Alkylating Agent Exhibits Nanomolar Potency in Hematologic Cancers. Blood, 2021, 138: 3991.

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

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