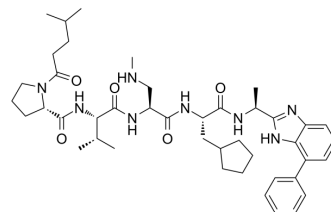


## Antitumor agent-69

Cat. No.:	HY-146187
CAS No.:	2417651-42-2
Molecular Formula:	C <sub>43</sub> H <sub>62</sub> N <sub>8</sub> O <sub>5</sub>
Molecular Weight:	771
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antitumor agent-69 (compound 12) is a potent inhibitor of protein-protein interaction between DOT1L and MLL-AF9/MLL-ENL, with K<sub>i</sub>s of 9 nM and 109 nM for AF9 and ENL, respectively. Antitumor agent-69 exhibits anticancer cellular activity<sup>[1]</sup>.

### REFERENCES

[1]. Yuan Y, et, al. Design, Synthesis, and Biological Evaluations of DOT1L Peptide Mimetics Targeting the Protein-Protein Interactions between DOT1L and MLL-AF9/MLL-ENL. *J Med Chem.* 2022 Jun 9;65(11):7770-7785.

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

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