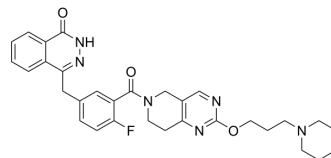


## Antitumor agent-104

Cat. No.:	HY-155038
CAS No.:	2245272-16-4
Molecular Formula:	C <sub>31</sub> H <sub>33</sub> FN <sub>6</sub> O <sub>3</sub>
Molecular Weight:	556.63
Target:	PARP; CDK
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antitumor agent-104 (Compound 9) is an antitumor agent by inhibiting DNA damage repair in tumors. Antitumor agent-104 inhibits PARP1 enzymatic activity and the PAR protein level. Antitumor agent-104 also inhibits the expression of CDK12<sup>[1]</sup>.

### REFERENCES

[1]. Lin S, et al. Synthesis of Novel Dual Target Inhibitors of CDK12 and PARP1 and Their Antitumor Activities in HER2-Positive Breast Cancers. ACS Omega. 2023 Jul 7;8(28):25574-25581.

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

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