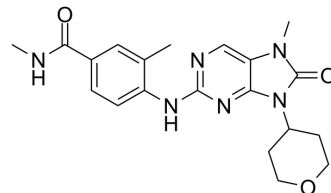


DNA-PK-IN-4

Cat. No.:	HY-144037
CAS No.:	2722645-10-3
Molecular Formula:	C ₂₀ H ₂₄ N ₆ O ₃
Molecular Weight:	396.44
Target:	DNA-PK
Pathway:	Cell Cycle/DNA Damage; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DNA-PK-IN-4 is a potent inhibitor of DNA-PK. DNA-PK-IN-4 is an imidazolinone derivative compound. DNA-PK-IN-4 inhibits DNA-PKs activity, thus greatly reducing tumor DNA repair and inducing cells to enter the apoptotic program. DNA-PK-IN-4 has the potential for the research of cancer disease (extracted from patent WO2021209055A1, compound 27)^[1].

REFERENCES

[1]. Yonggang Wei, et al. Imidazolinone derivatives and their applications in medicine. Patent WO2021209055A1.

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

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