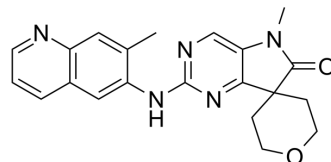


DNA-PK-IN-9

Cat. No.:	HY-146566
Molecular Formula:	C ₂₁ H ₂₁ N ₅ O ₂
Molecular Weight:	375.42
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-9 (compound YK6) is a potent DNA-dependent protein kinase (DNA-PK) inhibitor with an IC ₅₀ value of 10.47 nM. DNA-PK-IN-9 can be used for researching anticancer ^[1] .
IC ₅₀ & Target	IC ₅₀ : 10.47 nM (DNA-PK) ^[1]

REFERENCES

[1]. Ding Z, et al. Discovery of novel 7,8-dihydropteridine-6(5H)-one-based DNA-PK inhibitors as potential anticancer agents via scaffold hopping strategy. *Eur J Med Chem.* 2022;237:114401.

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

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