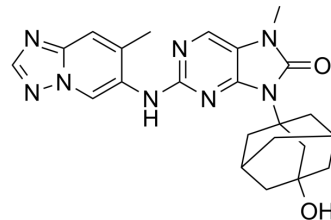


DNA-PK-IN-1

| | |
|--------------------|---|
| Cat. No.: | HY-142943 |
| CAS No.: | 2663850-40-4 |
| Molecular Formula: | C ₂₃ H ₂₆ N ₈ O ₂ |
| Molecular Weight: | 446.5 |
| 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-1 is a potent inhibitor of DNA-PK. DNA-dependent protein kinase (DNA-PK) is a DNA-PK enzyme complex composed of Ku70/Ku80 heterodimer and DNA-dependent protein kinase catalytic subunit (DNA-PKcs). DNA-PK-IN-1 has the potential for the research of cancer diseases (extracted from patent WO2021136463A1, compound 1)^[1].

REFERENCES

[1]. Yonggang Wei, et al. Purine derivatives and their use in medicine. Patent WO2021136463A1.

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

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