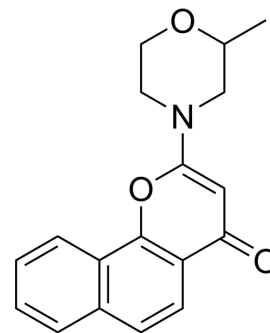


NU-7163

Cat. No.:	HY-116621
CAS No.:	503468-03-9
Molecular Formula:	C ₁₈ H ₁₇ NO ₃
Molecular Weight:	295.33
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

NU-7163 is an ATP-competitive DNA-PK inhibitor ($IC_{50}=0.19 \mu M$; $K_i=24 \text{ nM}$). NU-7163 enhances the cytotoxicity of ionizing radiation against the HeLa human tumor cell line in vitro^[1].

REFERENCES

[1]. Griffin R J, et al. Selective benzopyranone and pyrimido [2, 1-a] isoquinolin-4-one inhibitors of dna-dependent protein kinase: synthesis, structure- activity studies, and radiosensitization of a human tumor cell line in vitro[J]. Journal of medicinal chemistry, 2005, 48(2): 569-585.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA