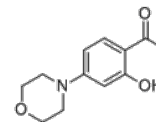


Product Name : IC 86621
Cat. No. : PC-62996
CAS No. : 404009-40-1
Molecular Formula : C₁₂H₁₅NO₃
Molecular Weight : 221.256
Target : DNA-PK
Solubility : 10 mM in DMSO



Biological Activity

IC 86621 is a potent **DNA-PK** inhibitor with IC₅₀ of 135 nM, also inhibits p110β (IC₅₀=135 nM), less potent for p110α/γ/δ (IC₅₀=880-1,400 nM).

IC 86621 directly inhibits the repair of DNA DSBs and consequently enhances the cytotoxicity of physical and chemical agents that induce DSBs but not other DNA lesions.

References

Kashishian A, et al. *Mol Cancer Ther.* 2003 Dec;2(12):1257-64.

Allen C, et al. *Mol Cancer Res.* 2003 Oct;1(12):913-20.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com