



biochemicals

Manufactured by **VDM Biochemicals.LLC**

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Product Data Sheet

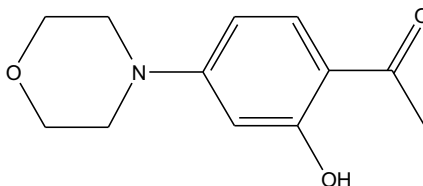
Product name: **DNA-PK Inhibitor III**

Cat. number: **VD-OEIA-1005** CAS Number: **404009-40-1** Lot number: **Not available** www.vdmbio.com

Personal protective equipment

■ Lab coat.

■ Safety glasses.



Product Specification

Formula:	C ₁₂ H ₁₅ NO ₃
MW:	221.3
Purity:	>=95% by HPLC
Appearance:	Off-white solid
Solubility:	DMSO
Storage:	+2°C to +8°C. Protect from light.
Synonyms:	IC86621; 1-(2-Hydroxy-4-morpholin-4-yl-phenyl)ethanone

Product Description:

A cell-permeable aryl-morpholino compound that acts as a potent, selective, reversible, and ATP-competitive inhibitor of DNA-PK (IC₅₀ = 120 nM) and PI 3-Kinase catalytic subunit p110β (IC₅₀ = 135 nM).

Product References

- 1.Kashishian, A., et al. 2004. Mol. Cancer Ther. 2, 1257.
- 2.Willmore, E., et al. 2004. Blood,103, 4659.

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