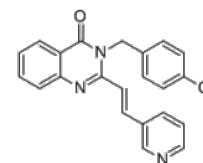


Product Name : RAD51-IN-17
Cat. No. : PC-62839
CAS No. : 2101739-18-6
Molecular Formula : C₂₂H₁₆ClN₃O
Molecular Weight : 373.84
Target : DNA Repair Protein
Solubility : 10 mM in DMSO



Biological Activity

RAD51-IN-17 is a quinazolinone derivative that inhibits homologous recombinase **RAD51**, effectively inhibits both RAD51 foci formation in response to DNA damage, and proliferation of TNBC cell lines.

RAD51-IN-17 also sensitizes aggressive metastatic TNBC to DNA damage induced by irradiation.

RAD51-IN-17 is a valuable research tool for developing combination therapies to overcome RAD51 driven resistance and relapse in a variety of cancers.

References

Ward A, et al. *Bioorg Med Chem Lett*. 2017 Jul 15;27(14):3096-3100.

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

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