

RAD51-IN-8

Chemical Properties

CAS No. :

Formula: C₁₆H₁₄Cl₂FN₃O₂

Molecular Weight: 370.21

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	RAD51-IN-8, a new RAD51 binder, is a RAD51-BRCA2 inhibitor that disrupts the RAD51 BRCA2 protein-protein interaction in the micromolar range. This protein-protein interaction (PPI) inhibitor also demonstrates inhibitory activity for H4A4 with an EC ₅₀ value of 19 μ M [1].
Targets(IC ₅₀)	Others,DNA/RNA Synthesis
In vitro	RAD51-IN-8 exhibits inhibitory activity against H4A4 with an EC ₅₀ value of 19 μ M [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7012 mL	13.5058 mL	27.0117 mL
5 mM	0.5402 mL	2.7012 mL	5.4023 mL
10 mM	0.2701 mL	1.3506 mL	2.7012 mL
50 mM	0.054 mL	0.2701 mL	0.5402 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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