

DNA polymerase-IN-2

Chemical Properties

CAS No. :

Formula: C₁₄H₁₂O₅S

Molecular Weight: 292.31

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	DNA polymerase-IN-2 (Compd 3c), a coumarin derivative, inhibits Taq DNA polymerase with an IC ₅₀ value of 48.25 μ M and shows potential for value-added disease research [1].
Targets(IC ₅₀)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.421 mL	17.1051 mL	34.2103 mL
5 mM	0.6842 mL	3.421 mL	6.8421 mL
10 mM	0.3421 mL	1.7105 mL	3.421 mL
50 mM	0.0684 mL	0.3421 mL	0.6842 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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