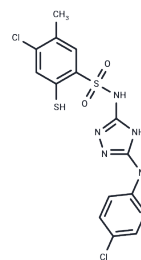


NSC666715

Chemical Properties

CAS No. : 170747-33-8
 Formula: C₁₅H₁₃Cl₂N₅O₂S₂
 Molecular Weight: 430.33
 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	NSC666715 is the strand-displacement activity of DNA polymerase inhibitor.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3238 mL	11.619 mL	23.238 mL
5 mM	0.4648 mL	2.3238 mL	4.6476 mL
10 mM	0.2324 mL	1.1619 mL	2.3238 mL
50 mM	0.0465 mL	0.2324 mL	0.4648 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.

Reference

Jaiswal AS, Panda H, Law BK, Sharma J, Jani J, Hromas R, Narayan S. NSC666715 and Its Analogs Inhibit Strand-Displacement Activity of DNA Polymerase β and Potentiate Temozolomide-Induced DNA Damage, Senescence and Apoptosis in Colorectal Cancer Cells. PLoS One. 2015 May 1;10(5):e0123808. doi: 10.1371/journal.pone.0123808. eCollection 2015. PubMed PMID: 25933036; PubMed Central PMCID: PMC4416822.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481