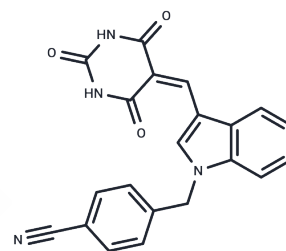


YTR107

Chemical Properties

CAS No. : 1207615-74-4
 Formula: C₂₁H₁₄N₄O₃
 Molecular Weight: 370.36
 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	YTR107 is a radiosensitizer that binds to nucleophosmin 1 (NPM1) and inhibits the formation of its pentamers. By suppressing the recruitment of nucleophosmin to sites of DNA damage and inhibiting the repair of double-strand breaks, YTR107 enhances radiosensitization.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7001 mL	13.5004 mL	27.0008 mL
5 mM	0.540 mL	2.7001 mL	5.4002 mL
10 mM	0.270 mL	1.350 mL	2.7001 mL
50 mM	0.054 mL	0.270 mL	0.540 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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