

NU5455

## Chemical Properties

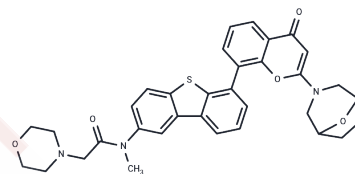
CAS No. : 1257235-99-6

Formula: C<sub>34</sub>H<sub>33</sub>N<sub>3</sub>O<sub>5</sub>S

Molecular Weight: 595.71

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	NU5455 is a selective, potent, orally active inhibitor of DNA-PKcs. It enhances the efficacy of locally released doxorubicin in liver tumor xenografts without causing adverse effects and also enhances the efficacy and toxicity of parenterally administered topoisomerase inhibitors.
Targets(IC50)	Others,DNA-PK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6787 mL	8.3933 mL	16.7867 mL
5 mM	0.3357 mL	1.6787 mL	3.3573 mL
10 mM	0.1679 mL	0.8393 mL	1.6787 mL
50 mM	0.0336 mL	0.1679 mL	0.3357 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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