

AR493

## Chemical Properties

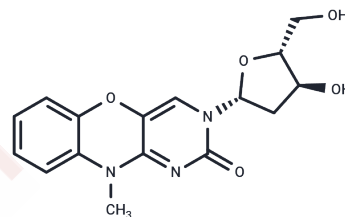
CAS No. : 1290546-06-3

Formula: C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight: 331.32

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	AR493 is an autophagy activator that targets AMPK (adenosine monophosphate-activated protein kinase). It modulates pathways related to cellular energy sensing and enhances autophagy levels. AR493 holds potential for use in age-related diseases (such as diabetes and neurodegenerative diseases) and in the research of autophagy regulation.
Targets(IC50)	AMPK, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0182 mL	15.0912 mL	30.1823 mL
5 mM	0.6036 mL	3.0182 mL	6.0365 mL
10 mM	0.3018 mL	1.5091 mL	3.0182 mL
50 mM	0.0604 mL	0.3018 mL	0.6036 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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