

PI3K $\alpha$ -IN-8

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>27</sub>BrN<sub>4</sub>O<sub>2</sub>

Molecular Weight: 507.42

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	PI3K $\alpha$ -IN-8 is a selective inhibitor of PI3K $\alpha$ (IC <sub>50</sub> : 0.012 $\mu$ M). PI3K $\alpha$ -IN-8 increases intracellular levels of reactive oxygen species, decreases mitochondrial membrane potential, and induces apoptosis.
Targets(IC <sub>50</sub> )	Apoptosis,Others,Reactive Oxygen Species,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9708 mL	9.8538 mL	19.7075 mL
5 mM	0.3942 mL	1.9708 mL	3.9415 mL
10 mM	0.1971 mL	0.9854 mL	1.9708 mL
50 mM	0.0394 mL	0.1971 mL	0.3942 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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