

AM-9635

## Chemical Properties

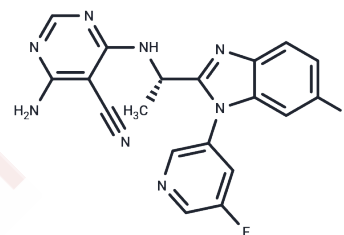
CAS No. : 1338483-10-5

Formula: C<sub>19</sub>H<sub>14</sub>F<sub>2</sub>N<sub>8</sub>

Molecular Weight: 392.36

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                | AM-9635 is a potent and selective PI3K $\delta$ inhibitor. AM-9635 shows good cellular potency (in vitro pAKT IC <sub>50</sub> = 4.2 nM). AM-96352 inhibits KLH-specific IgG and IgM in a dose-dependent manner. AM-9635 is well tolerated at all doses and exhibits significantly reduced IgG and IgM specific antibodies. PI3K $\alpha$ and PI3K $\beta$ are ubiquitously expressed and play a role in cell growth, division, and survival. |
| Targets(IC <sub>50</sub> ) | Others, Akt, PI3K   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.5487 mL | 12.7434 mL | 25.4868 mL |
| 5 mM  | 0.5097 mL | 2.5487 mL  | 5.0974 mL  |
| 10 mM | 0.2549 mL | 1.2743 mL  | 2.5487 mL  |
| 50 mM | 0.051 mL  | 0.2549 mL  | 0.5097 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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