

AM-8508

## Chemical Properties

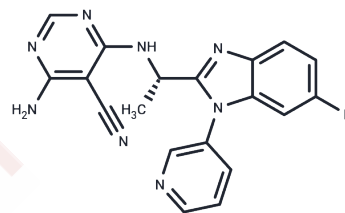
CAS No. : 1338483-67-2

Formula: C<sub>19</sub>H<sub>15</sub>N<sub>8</sub>

Molecular Weight: 374.37

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-8508 is a potent and selective PI3K $\delta$ inhibitor. AM-8508 showed good cellular potency (in vitro pAKT IC <sub>50</sub> = 4.6 nM). AM-8508 exhibited excellent HWB potency (HWB (pAKT) IC <sub>50</sub> = 2.7 nM). AM-8508 inhibits KLH-specific antibodies in animal models, signifying its potential for the treatment of human inflammatory diseases. PI3K $\alpha$ and PI3K $\beta$ are ubiquitously expressed and play a role in cell growth, division, and survival.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6712 mL	13.3558 mL	26.7115 mL
5 mM	0.5342 mL	2.6712 mL	5.3423 mL
10 mM	0.2671 mL	1.3356 mL	2.6712 mL
50 mM	0.0534 mL	0.2671 mL	0.5342 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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