

## AMG-25

## Chemical Properties

CAS No. : 1003311-62-3

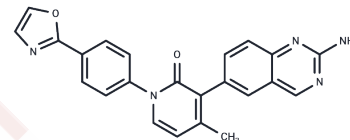
Formula: C<sub>23</sub>H<sub>17</sub>N<sub>5</sub>O<sub>2</sub>

Molecular Weight: 395.41

Store at low temperature

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	AMG-25 (c-Kit-IN-5-1) is a selective and potent c-Kit inhibitor that inhibits c-Kit, KDR, p38, Lck, and Src, and can be used in the study of mast cell-associated fibrosis.
Targets(IC50)	c-Kit

## Solubility Information

Solubility	DMSO: 20 mg/mL (50.58 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.529 mL	12.6451 mL	25.2902 mL
5 mM	0.5058 mL	2.529 mL	5.058 mL
10 mM	0.2529 mL	1.2645 mL	2.529 mL
50 mM	0.0506 mL	0.2529 mL	0.5058 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.

## Reference

Hu E, et, al. Discovery of aryl aminoquinazoline pyridones as potent, selective, and orally efficacious inhibitors of receptor tyrosine kinase c-Kit. J Med Chem. 2008 Jun 12;51(11):3065-8.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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