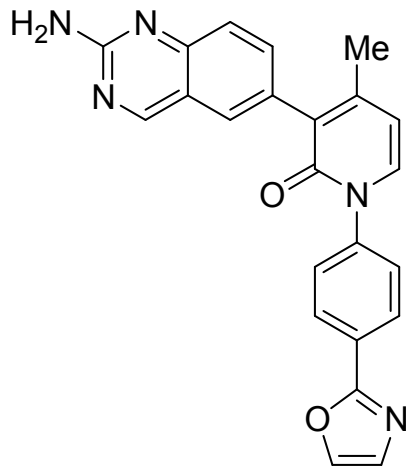


# AMG-25

# SYN-1125



3-(2-aminoquinazolin-6-yl)-4-methyl-1-(4-(oxazol-2-yl)phenyl)pyridin-2(1H)-one

CAS Registry No.: 1003311-62-3

Smiles String:

Cc1ccn(c(=O)c1c2ccc3c(c2)cnc(n3)N)c4cc(c(cc4)c5ncco5

Molecular Weight: 395.41

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

Lot Number: Refer to vial

<sup>1</sup>H-NMR: Available on request

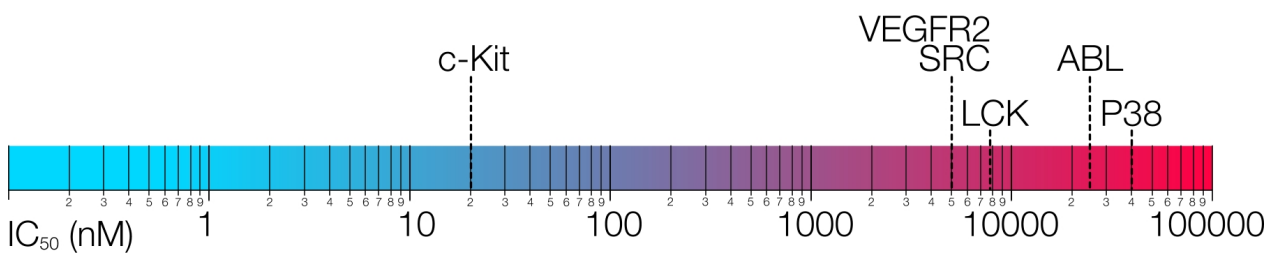
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

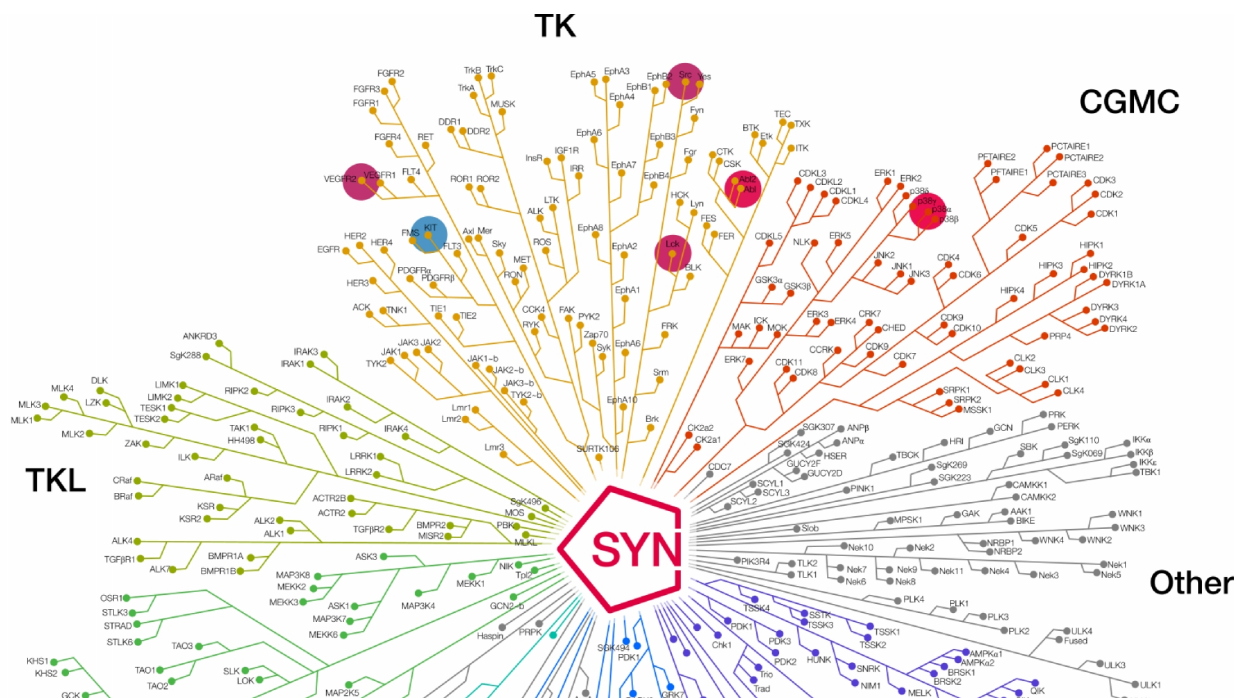
## Description:

AMG-25 exhibits potent inhibition of c-Kit with greater than 200-fold selectivity over KDR, p38, Lck and Src.

## Biological Activity



# Kinome Mapping



## Shipping and Storage Temperature

### Shipping:

Ambient

### Storage:

2 years -20C, Powder 1 month, -4C in DMSO, More than one month -80C in DMSO

## Solubility

15 mM in DMSO

## Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.3955	3.9550	7.9100	19.7750

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## References

1. Hu E, Tasker A, White RD, Kunz RK, Human J, Chen N, Bürlü R, Hungate R, Novak P, Itano A, Zhang X, Yu V, Nguyen Y, Tudor Y, Plant M, Flynn S, Xu Y, Meagher KL, Whittington DA, Ng GY. 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. doi: 10.1021/jm800188g. Epub 2008 May 1.

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## Ordering Information

To order more of this or any other SYNkinase compound, go to [synkinase.com](http://synkinase.com), Call us Toll Free (US Only) at 1- 877-854-6273 or email [orders@synkinase.com](mailto:orders@synkinase.com).

Product Datasheet (Rev. 1.1)