

**AG13958**

**SYN-1004**

(E)-N-(2-fluoro-5-(3-(2-(pyridin-2-yl)vinyl)-1H-indazol-6-ylamino)phenyl)-1,3-dimethyl-1H-pyrazole-5-carboxamide

CAS Registry No.: 319460-94-1

Smiles String:

Cc1cc(n(n1)C)C(=O)Nc2cc(ccc2F)Nc3ccc4c(c3)[nH]nc4/C=C/c5cccn5

Molecular Weight: 467.5

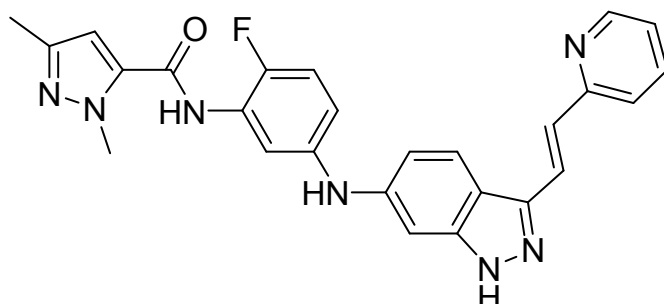
Molecular Formula: C<sub>26</sub>H<sub>22</sub>FN<sub>7</sub>O

Lot Number: Refer to vial

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

HPLC (Purity): > 95.0% @ 254 nm

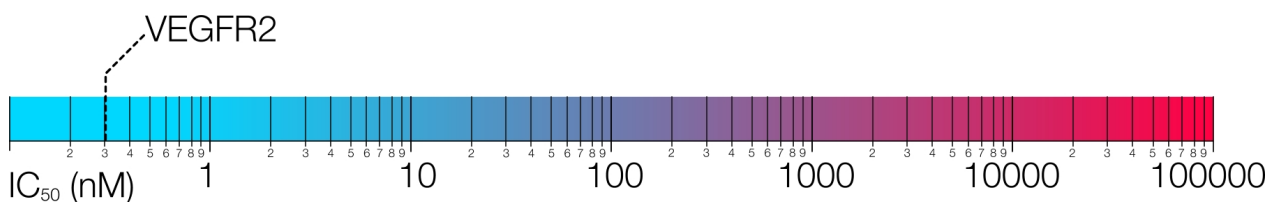
ES-MS: Available on request



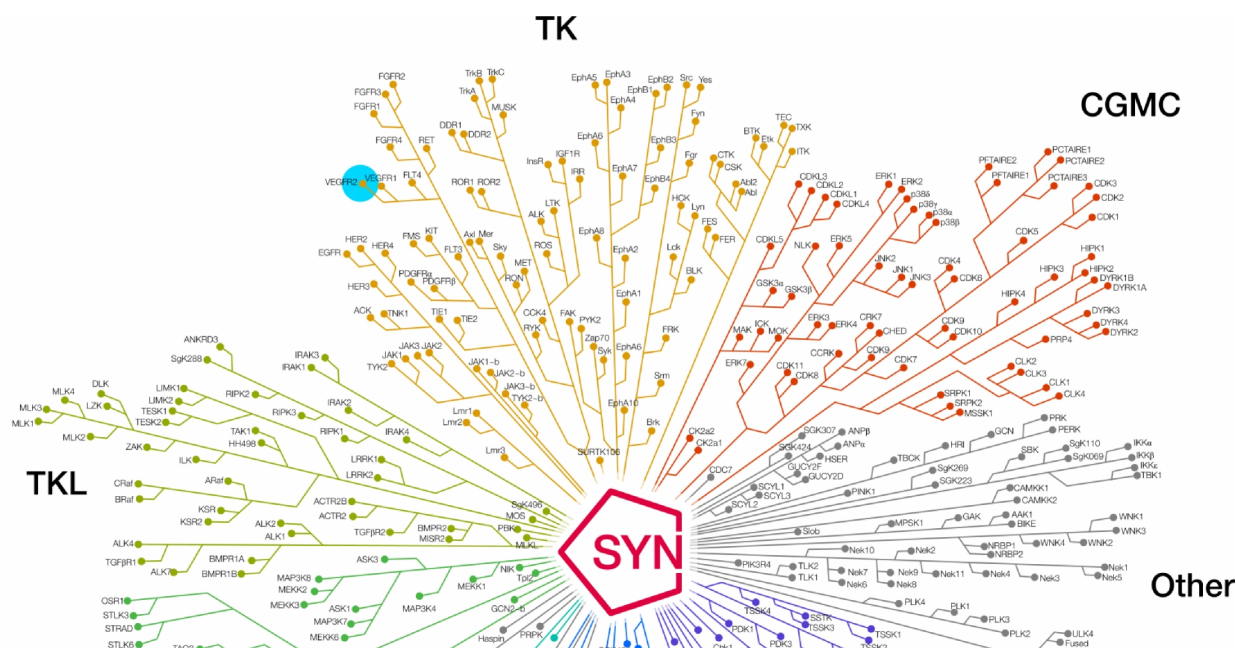
## Description:

AG13958 is a VEGF inhibitor that was clinical development by Pfizer in 2006-07 for treatment of age-related macular degeneration (AMD). The drug displays low water solubility and so far in trials delivery has been difficult needing direct injection to be truly effective and it varied by the species used because of species specific differences in eye circulation and vascularization. As a VEGF inhibitor AG13958 was targeted to FLT/TYK receptor inhibition.

## 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)	0.4675	4.6750	9.3500	23.3750

## References

- Marra M, Gukasyan HJ, Raghava S, Kompella UB. 2nd Ophthalmic Drug Development and Delivery Summit. Expert Opin Drug Deliv. 2007 Jan;4(1):77-85.

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## Ordering Information

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Product Datasheet (Rev. 1.1)