

# Pazopanib HCl

SYN-1058A

5-[[4-[(2,3-dimethylindazol-6-yl)-methylamino]pyrimidin-2-yl]amino]-2-methylbenzenesulfonamide hydrochloride

CAS Registry No.: 635702-64-6

Smiles String:

Cc1ccc(cc1S(=O)(=O)N)Nc2nccc(n2)N(C)c3ccc4c(n(nc4c3)C)C.Cl

Molecular Weight: 473.98

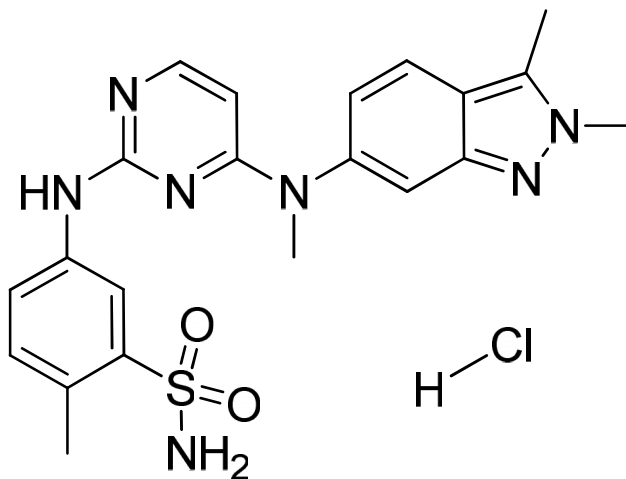
Molecular Formula: C<sub>21</sub>H<sub>23</sub>N<sub>7</sub>O<sub>2</sub>S.HCl

Lot Number: Refer to vial

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

HPLC (Purity): > 95.0% @ 254 nm

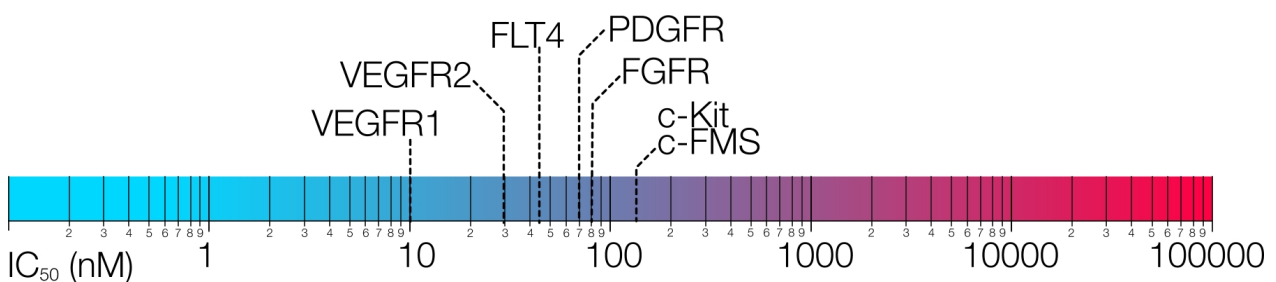
ES-MS: Available on request



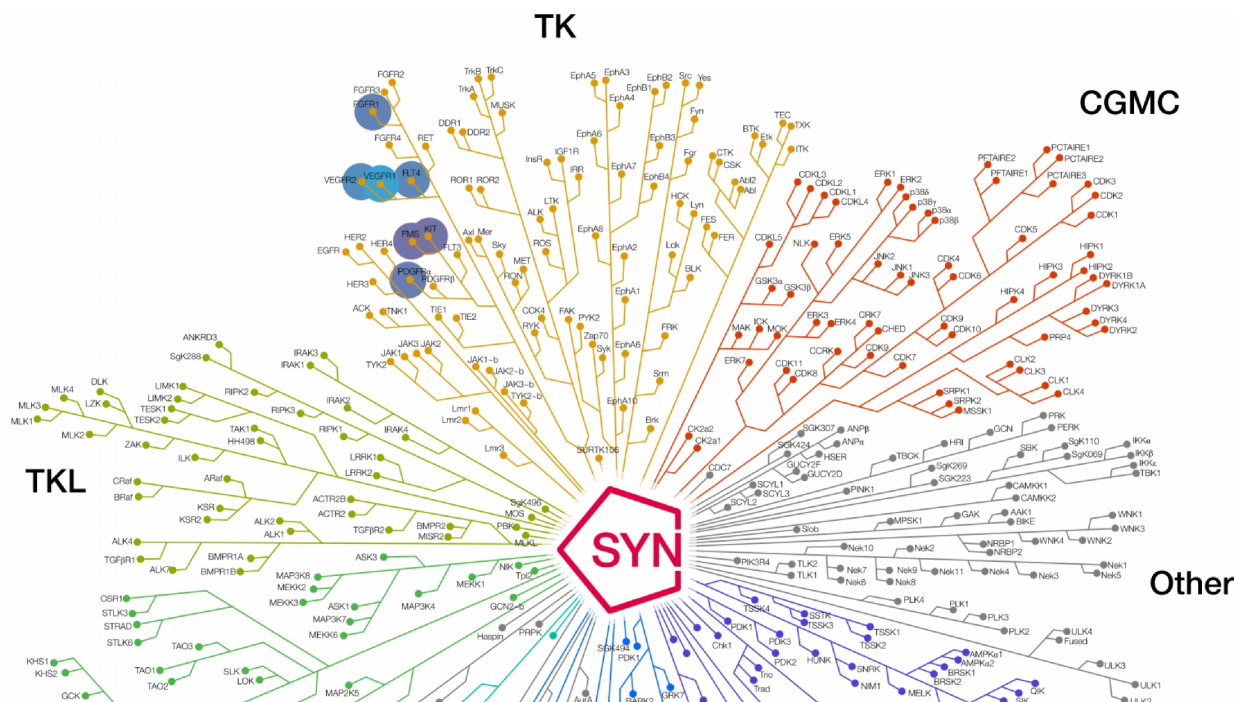
## Description:

Pazopanib Hydrochloride (GW786034, Votrient, Armala) is a novel, multitargeted inhibitor of VEGFR-1, VEGFR-2, VEGFR-3, PDGFR, FGFR, c-Kit and c-fms with IC<sub>50</sub> values of 10 nM, 30 nM, 47 nM, 84 nM, 74 nM, 140 nM and 146 nM, respectively.

## 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

DMSO 17mg/mL, Ethanol 1mg/mL

## Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.4739	4.7398	9.4796	23.6990

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## References

1. Kumar R, Knick VB, Rudolph SK, Johnson JH, Crosby RM, Crouthamel MC, Hopper TM, Miller CG, Harrington LE, Onori JA, Mullin RJ, Gilmer TM, Truesdale AT, Epperly AH, Bloor A, Stafford JA, Luttrell DK, Cheung M . Pharmacokinetic-pharmacodynamic correlation from mouse to human with pazopanib, a multikinase angiogenesis inhibitor with potent antitumor and antiangiogenic activity. Mol Cancer Ther. 2007 Jul;6(7):2012-21.

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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)