

**PF04217903**

**SYN-1060**

2-(4-(3-(quinolin-6-ylmethyl)-3H-[1,2,3]triazolo[4,5-b]pyrazin-5-yl)-1H-pyrazol-1-yl)ethanol

**CAS Registry No.:** 956905-27-4

**Smiles String:**

C1=CC2=C(C=CC(=C2)CN3C4=NC(=CN=C4N=N3)C5=CN(N=C5)CCO)N=C1

**Molecular Weight:** 372.38

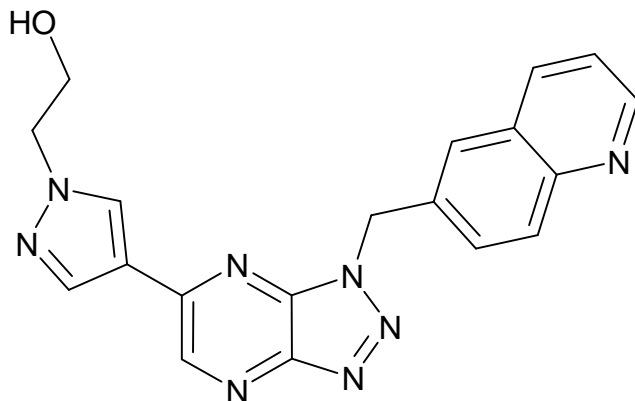
**Molecular Formula:** C<sub>19</sub>H<sub>16</sub>N<sub>8</sub>O

**Lot Number:** Refer to vial

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

**HPLC (Purity):** > 95.0% @ 254 nm

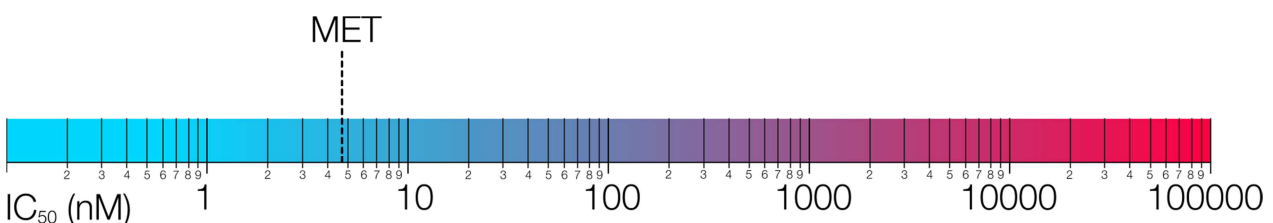
**ES-MS:** Available on request



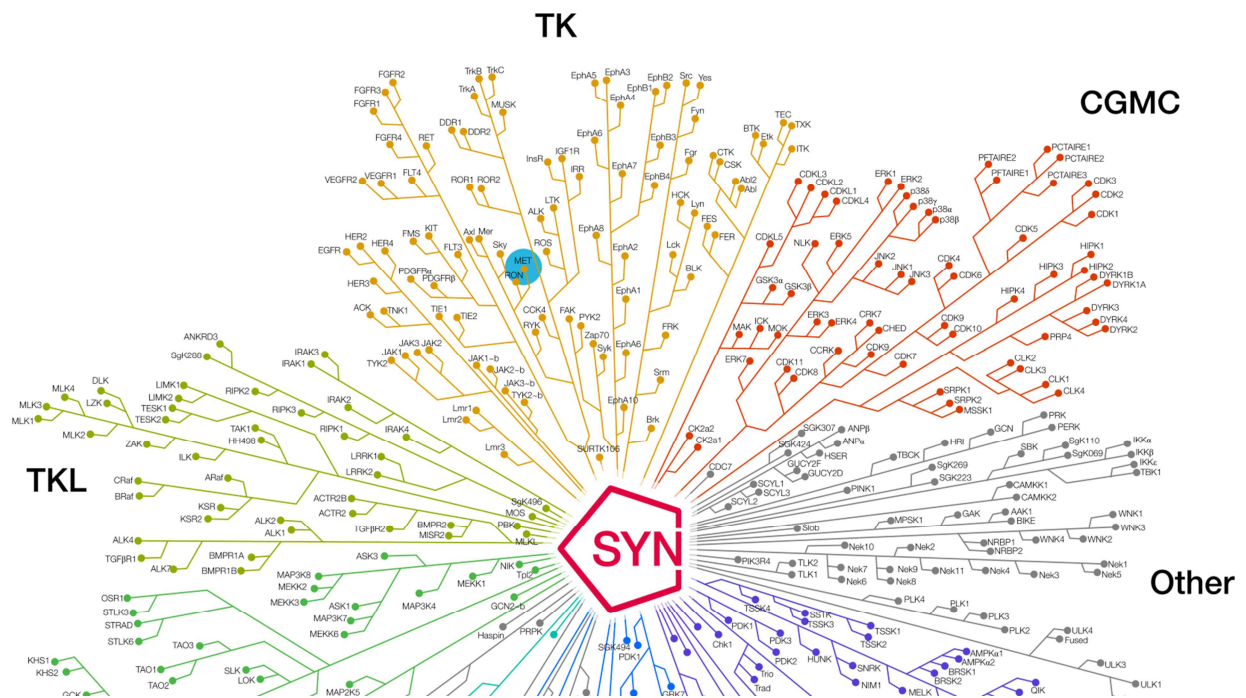
## Description:

PF04217903 is a novel orally bio-available, small molecule tyrosine kinase inhibitor with potential anti-neoplastic activity. It is an extremely selective MET inhibitor, with an IC<sub>50</sub> of 4.8 nM.

## 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 5mg/mL, Ethanol <1mg/mL

## Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.3723	3.7238	7.4476	18.6190

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## References

1. Zou HY, Li Q, Lee JH, Arango ME, Burgess K, Qiu M, Engstrom LD, Yamazaki S, Parker M, Timofeevski S, Cui JJ, McTigue M, Los G, Bender SL, Smeal T, Christensen JG. Sensitivity of selected human tumor models to PF-04217903, a novel selective c-Met kinase inhibitor. *Mol Cancer Ther.* 2012 Apr;11(4):1036-47. doi: 10.1158/1535-7163.MCT-11-0839. Epub 2012 Mar 2. PubMed PMID: 22389468.

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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)