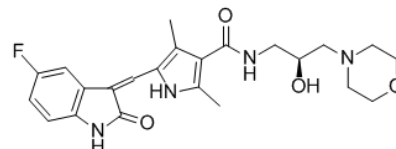


**Product Name** : SU14813  
**Cat. No.** : PC-42622  
**CAS No.** : 627908-92-3  
**Molecular Formula** : C<sub>23</sub>H<sub>27</sub>N<sub>4</sub>O<sub>4</sub>  
**Molecular Weight** : 442.4833  
**Target** : VEGFR  
**Solubility** : 10 mM in DMSO



## Biological Activity

SU14813 is a potent, broad-spectrum **RTKs** inhibitor with IC<sub>50</sub> ranging from 2 to 50 nM for VEGFR-1, VEGFR-2, PDGFRs, KIT, FLT3, and CSF1R/FMS.

SU14813 shows poor activity for EGFR and c-Met in biochemical assays.

SU14813 inhibits VEGFR-2, PDGFR-β, and KIT phosphorylation in porcine aorta endothelial cells with IC<sub>50</sub> of 5.2, 9.9, and 11.2 nM respectively.

SU14813 is active in xenograft tumor models.

## References

Patyna S, et al. *Mol Cancer Ther.* 2006 Jul;5(7):1774-82.

Hu-Lowe D, et al. *Mol Cancer Ther.* 2011 Nov;10(11):2015.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com