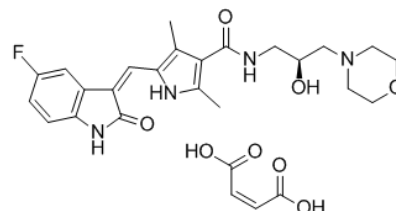


**Product Name** : SU14813 maleate  
**Cat. No.** : PC-42623  
**CAS No.** : 849643-15-8  
**Molecular Formula** : C<sub>27</sub>H<sub>31</sub>N<sub>4</sub>O<sub>8</sub>  
**Molecular Weight** : 558.5554  
**Target** : VEGFR  
**Solubility** : 10 mM in DMSO



### Biological Activity

SU14813 maleate is a 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!**

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