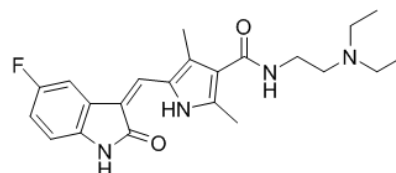


**Product Name** : Sunitinib  
**Cat. No.** : PC-42490  
**CAS No.** : 557795-19-4  
**Molecular Formula** : C<sub>22</sub>H<sub>27</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 398.4738  
**Target** : PDGFR  
**Solubility** : DMSO: 25 mg/mL



## Biological Activity

A multi-targeted RTK inhibitor that targets VEGFR2 (Flk-1) and PDGFR $\beta$  with  $K_i$  of 8 nM and 9 nM respectively; displays >10-fold higher selectivity over FGFR-1, EGFR, Cdk2, Met, IGFR-1, Abl, and Src; also inhibits phosphorylation of wild-type FLT3, FLT3-ITD, and FLT3-Asp835 with IC<sub>50</sub> of 250 nM, 50 nM, and 30 nM; regresses FLT3-ITD tumors in the subcutaneous tumor xenograft model.

Gastric Cancer  
Approved

## References

Sun L, et al. J Med Chem. 2003 Mar 27;46(7):1116-9.

O'Farrell AM, et al. Blood. 2003 May 1;101(9):3597-605.

Mendel DB, et al. Clin Cancer Res. 2003 Jan;9(1):327-37.

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

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