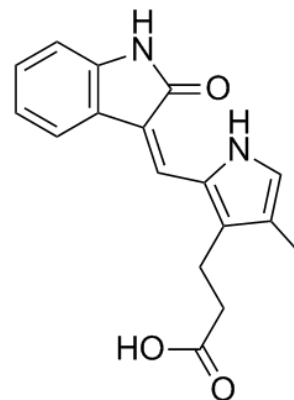


**Product Name** : SU 5402  
**Cat. No.** : PC-42567  
**CAS No.** : 215543-92-3  
**Molecular Formula** : C<sub>17</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 296.3205  
**Target** : FGFR  
**Solubility** : DMSO: ≥ 30 mg/mL  
4. Grand EK, et al. Leukemia. 2004 May;18(5):962-6.



### Biological Activity

A selective FGFR1 inhibitor with IC<sub>50</sub> of 10-20 uM; does not inhibit tyrosine phosphorylation of PDGFR and EGFR (IC<sub>50</sub>>200 uM), weakly inhibits insulin receptor; specifically inhibits the growth of the t(4;14)-positive MM lines, KMS-11 and OPM-2, reduces cell viability and increases apoptosis.

### References

- Mohammadi M, et al. Science. 1997 May 9;276(5314):955-60.  
Udayakumar TS, et al. Int J Cancer. 2001 Jan 15;91(2):187-92.  
Hoffman MP, et al. Development. 2002 Dec;129(24):5767-78.

