

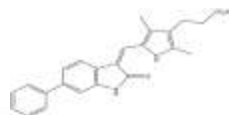
**PRODUCT: SU 16f**

**ALTERNATE NAME:** 5-[1,2-Dihydro-2-oxo-6-phenyl-3*H*-indol-3-ylidene)methyl]-2,4-dimethyl-1*H*-pyrrole-3-propanoic acid

**CATALOG #:** B1081-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 386.44

**CAS NUMBER:** 251356-45-3

**APPEARANCE:** Red brown solid

**SOLUBILITY:** DMSO (>35 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light.

**DESCRIPTION:** SU 16f is a potent, cell-permeable and selective platelet-derived growth factor receptor β (PDGFRβ) inhibitor (IC<sub>50</sub> = 10 nM). It displays > 14-fold, > 229-fold and > 10000-fold selectivity over VEGFR2, FGFR1 and EGFR respectively. Inhibits proliferation of HUVEC and NIH3T3 cells *in vitro* (IC<sub>50</sub> = 0.11 μM).

**REFERENCES:** Sun, L., *et al.* (1999). *J. Med. Chem.* **42**, 5120-5130.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

ABT-869 (Cat. No. 1615-1,5)  
 Axitinib (Cat. No. 1581-5, 25)  
 BIBW2992 (Cat. No. 1616-1,5)  
 BMS-599626 (Cat. No. 1614-1,5)  
 Bosutinib (Cat. No. 1584-5, 25)  
 Canertinib (Cat. No. 1617-5)  
 Cediranib (Cat. No. 1613-1,5)  
 CP-690550 (Cat. No. 1622-5,25)  
 Crizotinib (Cat. No. 1934-5, 25)  
 Dasatinib (Cat. No. 1586-25, 100)  
 Emodin (Cat. No. 1875-25, 100)  
 Enzastaurin (LY317615)(Cat. No. 1619-1,5)  
 Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)  
 EZSolution™ Staurosporine (Cat. No. 1745-01)  
 Gefitinib (Cat. No. 1589-5,25)  
 Genistein (Cat. No. 1533-10, 100)  
 Go 6976 (Cat. No. 1711-500)  
 Imatinib Mesylate (Cat. No. 1625-100, 1000)  
 Lapatinib Ditosylate (Cat. No. 1624-25,100)  
 Nilotinib (Cat. No. 1750-25, 100)  
 PD 153035, Hydrochloride (Cat. No. 1656-2)  
 PD173074 (Cat. No. 1675-1)  
 Saracatinib (Cat. No. 1582-5, 25)  
 SB-431542 (Cat. No. 1674-1)  
 Sorafenib (Cat. No. 1594-5, 25)  
 Staurosporine (Cat. No. 1048-01,1)  
 Tamoxifen Citrate (Cat. No. 1551-1000)  
 SU 1498 (Cat. No. 1836-1,5)  
 SU-5402 (Cat. No. 1645-05)  
 Sunitinib Malate (Cat. No. 1611-100, 1000)  
 Tyrphostin AG 1295 (Cat. No. 1571-5)  
 Tyrphostin AG 490 (Cat. No. 1570-5)  
 Vandetanib (Cat. No. 1751-25, 100)

**USAGE:** FOR RESEARCH CH USE ONLY! Not to be used in humans