

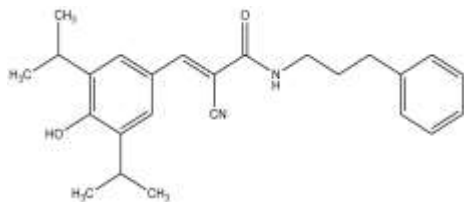
SU 1498

ALTERNATE NAME: Tyrphostin SU 1498; (E)-N-(3"-Phenylpropyl)- α -cyano-3',5'-diisopropyl-4'-hydroxycinnamamide

CATALOG #: 1836-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₃₀N₂O₂

MOLECULAR WEIGHT: 390.52

CAS#: 168835-82-3

APPEARANCE: Yellow powder

SOLUBILITY: DMSO (~20 mg/ml)

PURITY: ≥98% by TLC

STORAGE: Store at -20 °C

DESCRIPTION: a potent and selective inhibitor (IC₅₀ = 700 nM) of vascular endothelial growth factor receptor 2 (VEGFR 2) (also known as Flk1). Very weak inhibitor of PDGFR-kinase (IC₅₀ >50 μM), EGFR-kinase and HER-2 kinase. SU1498 has been shown to cause accumulation of phosphorylated ERK and inhibits its activity *in vivo* and *in vitro* by inhibition of ERK dephosphorylation.

REFERENCE: Boguslawski, G., *et al.* (2004). *J. Biol. Chem.* **279**, 5716-5724.

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

rev.09/15

RELATED PRODUCTS:

- A 83-01 (Cat. No. 1725-1)
- 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)
- Dasatinib (Cat. No. 1586-25, 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-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)

FOR RESEARCH USE ONLY! Not to be used on humans.