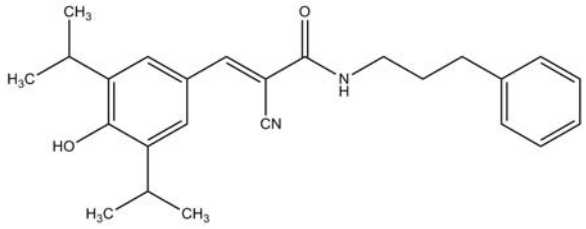
SU1498

Tyrphostin SU 1498; (E)-N-(3″-Phenylpropyl)-α-cyano-3′,5′-diisopropyl-4′-hydroxycinnamamide

Instruction Manual

Catalog Number	PK-CA577-1836-5
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 ist activity in vivo and in vitro by inhibition of ERK dephosphorylation.
Quantity	5 mg
Sequence / Molecular Weight / Molecular Formula	390.52 Da; $C_{25}H_{30}N_2O_2$
Chemical Structure	
Purity	≥ 98% as determined by TLC
Appearance / Formulation / Solubility	Yellow Solid; Soluble in DMSO (~20 mg/ml)
Storage & Stability	Store at -20°C.
Applications	see Description
References	Boguslawski, G., et al. (2004). J. Biol. Chem. 279, 5716-5724.
Caution	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

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