Creative Enzymes®

SU-4312

Cat. No. CEI-0976

Lot. No. (See product label)

Introduction

Description	Potent and selective inhibitor of VEGF receptor tyrosine kinase (Flk-1, KDR). Inhibits unactivated kinase 100-fold greater (IC50=0.04 uM) than activated kinase (IC50=4.0 uM). Weak inhibitor of PDGF receptor tyrosine kinase (IC50=19.4 uM). Inhibits endothelial cell activation and angiogenesis in a mouse model of Alzheimers disease.
Synonyms	1. 3-(4-Dimethylaminobenzylidene)-1,3-dihydroindol-2-one 2. DMBI

Product Information

Appearance	Orange powder
CAS No.	5812-07-7
Molecular Formula	C17H16N2O
Molecular Weight	264.3
Purity	>98% (TLC); NMR (Conforms)
Targets	VEGFR, PDGFR
Solubility	May be dissolved DMSO (25 mg/ml)