Creative Enzymes®

AAL-993

Cat. No. CEI-0953

Lot. No. (See product label)

Introduction

Description	A potent and selective inhibitor of VEGFR-1 (IC50=130nM), VEGFR-2 (IC50=23nM) and VEGFR-3 (IC50=18nM). At higher concentrations it inhibits PDGFR (640nM), c-Kit (236nM) and CSF-1R (380nM). Inactive at other kinases such as EGFR, FGFR-1, CDK-1, Tie-2, c-Met, IGF-1R, c-Src and c-Abl. X-ray crystal studies on AAL-993 complexed to the catalytic domain of diphosphorylated VEGFR- 2 indicates that it binds to an inactive conformation of the protein. Cell permeable and active in vivo. Inhibits VEGF-induced angiogenesis (mouse model) (1).
Synonyms	2-((4-Pyridyl)methyl)amino-N-(3 (trifluoromethyl)phenyl)benzamide

Product Information

Appearance	Light yellow powder
CAS No.	269390-77-4
Molecular Formula	C20H16F3N3O
Molecular Weight	371.1
Purity	>98% (TLC); NMR (Conforms)
Targets	VEGF
Solubility	May be dissolved in DMSO (>25 mg/ml); or Ethanol (15 mg/ml)