Creative Enzymes®

SU-5402

Cat. No. CEI-1113

Lot. No. (See product label)

Introduction

Description	SU-5402 is a potent and selective inhibitor of VEGFR2 (Flk-1/KDR) and FGFR1 (IC50 values of 20 and 30 nM, respectively). Also inhibits PDGFRβ and EGFR with IC50 values of 510 nM and > 100 μM, respectively.
Synonyms	CD309, FLK1, VEGFR, VEGFR2

Product Information

CAS No.	215543-92-3
Molecular Formula	C17H16N2O3
Chemical Name	3-(4-methyl-2-((Z)-(2-oxoindolin-3-ylidene)methyl)-1H-pyrrol-3-yl)propanoic acid
Molecular Weight	296.32
Purity	> 95%
Targets	VEGFR2, FGFR1, PDGFRβ, EGFR
IC50	20nM, 30 nM, 510 nM,> 100 μM
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage	4 centigrade
Stability	2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO