Creative Enzymes®

JNJ-38158471

Cat. No. CEI-1132

Lot. No. (See product label)

Introduction

Description	It is a well tolerated, orally available, highly selective VEGFR-2 inhibitor with IC50=40nM. It also inhibits closely related tyrosine kinases, Ret (180nM) and Kit (500nM). It has no significant activity (>1 microM) against VEGFR-1 and VEGFR-3.
Synonyms	CD309, FLK1, VEGFR, VEGFR2

Product Information

CAS No.	951151-97-6
Molecular Formula	C15H17ClN6O3
Chemical Name	(E)-1-(4-(6-amino-5-((methoxyimino)methyl)pyrimidin-4-yloxy)-2-chlorophenyl)-3-ethylurea
Molecular Weight	364.79
Purity	> 95%
Targets	VEGFR-2
IC50	40nM
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