

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