

## 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 IC<sub>50</sub>=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

C<sub>15</sub>H<sub>17</sub>ClN<sub>6</sub>O<sub>3</sub>

#### 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

#### IC<sub>50</sub>

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