

JNJ-28312141

Cat. No. CEI-1140

Lot. No. (See product label)

Introduction

Description

JNJ-28312141 is an orally active tyrosine kinase inhibitor with FMS IC₅₀ of 0.69nM and cell assay IC₅₀ of 2.6nM.

Product Information

CAS No. 885692-52-4

Molecular Formula C₂₆H₃₂N₆O₂

Chemical Name 4-cyano-N-(2-cyclohexenyl-4-(1-(2-(dimethylamino)acetyl)piperidin-4-yl)phenyl)-1H-imidazole-2-carboxamide

Molecular Weight 460.57

Purity > 95%

Targets FMS, cell assay

IC₅₀ 0.69nM, 2.6nM

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