

SR3677

Cat. No. CEI-1112

Lot. No. (See product label)

Introduction

Description

SR3677 is a potent and selective ROCK-II inhibitor with an IC₅₀ of ~3 nM in enzyme and cell based assays. It displayed an off-target hit rate of 1.4% against 353 other kinases and only inhibited 3 out of a panel of 70 non-kinase enzymes and receptors in profiling studies.

Synonyms

ROCK-II

Product Information

CAS No.

1072959-67-1

Molecular Formula

C₂₂H₂₄N₄O₄

Chemical Name

N-(2-(2-(dimethylamino)ethoxy)-4-(1H-pyrazol-4-yl)phenyl)-2,3-dihydrobenzo[b][1,4]dioxine-2-carboxamide

Molecular Weight

408.45

Purity

> 95%

Targets

ROCK-II

IC₅₀

3 nM

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