

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