Creative Enzymes®

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