

PD173955-Analog1

Cat. No. CEI-1100

Lot. No. (See product label)

Introduction

Description

PD173955-Analog1 is a potent c-Src inhibitor with an IC₅₀ value of 9nM. It is also a weaker inhibitor of PDGFr, FGFr and EGFr with IC₅₀ values of 130nM, 110nM and 190nM respectively.

Synonyms

RP5-823N20.1, ASV, SRC1, c-SRC, p60-Src

Product Information

CAS No.

185039-99-0

Molecular Formula

C₂₁H₁₄Cl₂N₄O₃

Chemical Name

3-[[6-(2,6-dichlorophenyl)-7,8-dihydro-8-methyl-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-Benzoic acid

Molecular Weight

441.27

Purity

> 95%

Targets

c-Src

IC₅₀

2-35 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