

PD173955

Cat. No. CEI-1099

Lot. No. (See product label)

Introduction

Description PD173955 is an ATP-competitive, dual Src/Abl kinase inhibitor. It is a potent

inhibitor of Bcr-Abl with an IC50 of 1-2 nM in kinase inhibition assays. In cellular growth assays it inhibits Bcr-Abl-dependent substrate tyrosine phosphorylation.

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Synonyms ALL, BCR1, CML, D22S11, D22S662, PHL

Product Information

CAS No. 260415-63-2

Molecular Formula C21H16Cl2N4OS

Chemical Name 6-(2,6-dichlorophenyl)-8-methyl-2-(3-(methylthio)phenylamino)pyrido[2,3-

d]pyrimidin-7(8H)-one

Molecular Weight 443.35

Purity > 95%

Targets Bcr-Abl, c-Src

IC50 2-35

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