Creative Enzymes®

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. PD173955 al
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