

## 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** C21H16Cl2N4O5

**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