

BML-277

Cat. No. CEI-0960

Lot. No. (See product label)

Introduction

Description A highly selective inhibitor of Chk2 (IC₅₀=15 nM). Displays <25% inhibition of 35 other kinases at 10 μM). It possesses potent radioprotective activity and prevents apoptosis of human T-cells subjected to ionizing radiation (EC₅₀= 3-7.6 μM). It is a useful tool for determining the role of Chk2 in cellular signaling.

Synonyms 2-(4-(4-chlorophenoxy)phenyl)-1H-benzimidazole-5-carboxamide, Chk2 Inhibitor II

Product Information

Appearance Off white solid

CAS No. 516480-79-8

Molecular Formula C₂₀H₁₄ClN₃O₂

Molecular Weight 363.8

Purity >98% (TLC; 1:1 ethylacetate: hexane; R_f=0.17); NMR (Conforms)

Targets CHK2

Solubility May be dissolved in DMSO (20 mg/ml); or Ethanol (20 mg/ml)