

GSK461364

Cat. No. CEI-0944

Lot. No. (See product label)

Introduction

Description GSK461364 inhibits purified Plk1 with Ki of 2 nM. It is more than 1000-fold selective against Plk2/3. Phase 1.

Product Information

CAS No. 929095-18-1

Molecular Formula C₂₇H₂₈F₃N₅O₂S

Chemical Name 5-(6-((4-methylpiperazin-1-yl)methyl)-1H-benzo[d]imidazol-1-yl)-3-((R)-1-(2-(trifluoromethyl)phenyl)ethoxy)thiophene-2-carboxamide

Molecular Weight 543.6

Targets Plk1

IC50 2.2 nM (Ki)

Solubility DMSO 10 mg/mL; Water <1 mg/mL; Ethanol 30 mg/mL

Storage and Shipping Information

Storage 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.