Creative Enzymes®

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.