Creative Enzymes®

PF 477736

Cat. No. CEI-0949

Lot. No. (See product label)

Introduction

Description	PF-477736 is a selective, potent and ATP-competitive Chk1 inhibitor with Ki of 0.49 nM and also inhibitsVEGFR2, Aurora-A, FGFR3, Flt3, Fms (CSF1R), Ret and Yes. It shows ~100-fold selectivity for Chk1 than Chk2. Phase 1.
Synonyms	PF-00477736

Product Information

CAS No.	952021-60-2
Molecular Formula	C22H25N7O2
Chemical Name	Cyclohexaneacetamide, α-amino-N-[5,6-dihydro-2-(1-methyl-1H-pyrazol-4-yl)-6-oxo-1H-pyrrolo[4,3,2-ef][2,3]benzodiazepin-8-yl]-, (αR)-
Molecular Weight	419.48
Targets	ChK1, ChK2, VEGFR2, Yes, Fms
IC50	0.49 nM; 47 nM; 8 nM; 14 nM; 10 nM
Solubility	DMSO 6 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

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