Creative Enzymes®

PD 0332991 HCl

Cat. No. CEI-0924

Lot. No. (See product label)

Introduction

Description	PD0332991 is a highly selective inhibitor of CDK4/6 with IC50 of 11 nM/16 nM. It shows no activity against CDK1/2/5, EGFR, FGFR, PDGFR, InsR, etc. Phase 2/3.

Product Information

CAS No.	827022-32-2
Molecular Formula	C24H29N7O2.HCl
Chemical Name	6-acetyl-8-cyclopentyl-5-methyl-2-(5-(piperazin-1-yl)pyridin-2-ylamino)pyrido[2,3-d]pyrimidin-7(8H)-one hydrochloride
Molecular Weight	483.99
Targets	CDK4/cyclin D1, CDK6/cyclin D2
IC50	11 nM; 16 nM
Solubility	DMSO 3 mg/mL; Water 30 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.