Creative Enzymes®

PD 0332991 (Palbociclib) Isethionate

Cat. No. CEI-0925

Lot. No. (See product label)

Introduction

Description	PD0332991 Isethionate 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.	827022-33-3
Molecular Formula	C24H29N7O2.C2H6O4S
Chemical Name	Ethanesulfonic acid, 2-hydroxy-, compd. with 6-acetyl-8-cyclopentyl-5-methyl-2-[[5-(1-piperazinyl)-2-pyridinyl]amino]pyrido[2,3-d]pyrimidin-7(8H)-one (1:1)
Molecular Weight	573.66
Targets	CDK4, CDK6
IC50	11 nM; 16 nM
Solubility	DMSO <1 mg/mL; Water 100 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.