

## 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** C<sub>24</sub>H<sub>29</sub>N<sub>7</sub>O<sub>2</sub>.C<sub>2</sub>H<sub>6</sub>O<sub>4</sub>S

**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.