

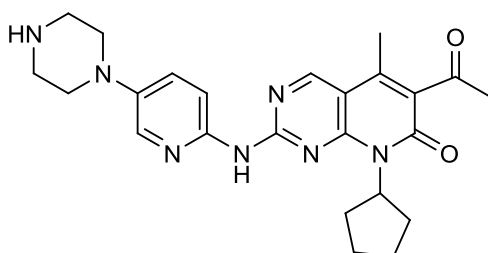


Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

Certificate of Analysis



Product Name:	Palbociclib (Free Base)
Synonym:	PD-0332991
CAS No:	571190-30-2
Prod. No:	CT-PALBF
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	C ₂₄ H ₂₉ N ₇ O ₂ 447.5
Solubility	Soluble in 0.1N HCl, (22.4mg/ml, 50mM), at 45 °C DMSO, (35.8mg/ml, 80 mM), at 45 °C
Storage	Store at 0 °C (short term), -20 °C (long term), dark and desiccated

Appearance	Pale Yellow Powder, Recrystallized
Quality Control	¹ HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis [✓]: C ₂₄ H ₂₉ N ₇ O ₂ Calculated: C: 64.41% H: 6.53% N: 21.91% Found: C: 64.41% H: 6.57 % N: 21.93%
Loss on Drying	< 0.2%
Chemical Purity	>99.5% (HPLC)