

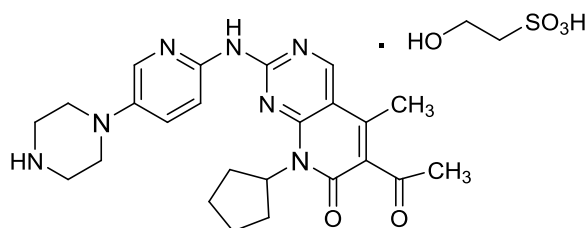


Northeast Business Center

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Certificate of Analysis



Product Name:	Palbociclib Isethionate
Synonym:	PD 0332991-0054, PF-00080665-73
CAS No:	827022-33-3
Prod. No:	CT-PALB
Lot No:	02
Batch Empirical Formula Batch Empirical. Wt.	$C_{24}H_{29}N_7O_2 \cdot (C_2H_6O_4S) \cdot 0.5H_2O$ 582.7
Solubility	Soluble in DMSO (60.7mg/ml, 100 mM), DMSO/Water (1/1) (48.6mg/ml, 80 mM)
Storage	Store at 0 °C (short term), -20 °C (long term), dark and desiccated

Appearance	Yellow to pale yellow powder
Quality Control	1H NMR: [✓] HPLC: [✓] Quantitative Elemental Analysis [✓]: $C_{24}H_{29}N_7O_2 \cdot (C_2H_6O_4S) \cdot 0.5H_2O$ Calculated: C: 53.59% H: 6.23% N: 16.83% Found: C: 53.95% H: 6.30% N: 16.92%
Loss on Drying	< 0.2%
Chemical Purity	>99.5% (HPLC at 214 and 254 nm)