

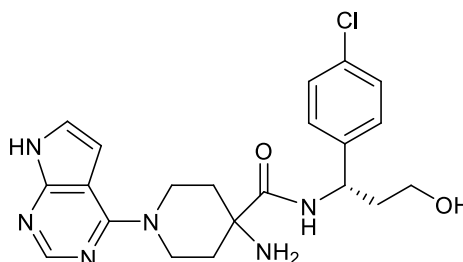


Northeast Business Center

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:	AZD5363 (Free Base)
Synonym:	Capivasertib
CAS No:	1143532-39-1
Prod. No:	CT-A5363
Lot No:	03
Batch Empirical. Formula: Batch Empirical. Wt.	C ₂₁ H ₂₅ ClN ₆ O ₂ ·0.5H ₂ O 438.0
Solubility:	Soluble in DMSO (43.8mg/ml, 100mM) 0.1 N HCl (21.9mg/ml, 50mM)
Storage:	Store at 0–4 °C (short term), -20 °C (long term), desiccated

Appearance	White Powder
Quality Control	¹ HNMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C₂₁H₂₅ClN₆O₂·1/2H₂O Calculated: C: 57.60%; H: 5.98%; N: 19.19% Found: C: 57.59%; H: 5.96%; N: 19.10%
Chemical Purity	>99% (Achiral HPLC)
Optical Purity (ee)	>99% (Chiral HPLC)