

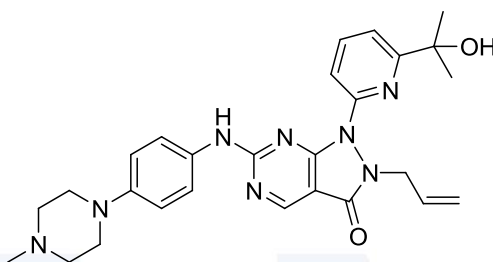


Northeast Business Center

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:	MK-1775
Synonym:	Adavosertib, AZD1775
CAS No:	955365-80-7
Prod. No:	CT-MK1775
Lot No:	03
Batch Empirical Formula	C ₂₇ H ₃₂ N ₈ O ₂ · 0.5H ₂ O
Batch Empirical Wt.	509.6
Solubility	Soluble in DMSO (51mg/ml, 100 mM) 0.1N HCl (25.5 mg/ml, 50 mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Yellow to pale yellow powder, recrystallized
Quality Control	MS: [√] ¹ HNMR: [√] HPLC: [√] Quantitative Elemental Analysis: [√] C ₂₇ H ₃₂ N ₈ O ₂ · 0.5H ₂ O Calculated: C: 63.64%; H: 6.53%; N: 21.99% Found: C: 63.30%; H: 6.43%; N: 21.95%
Chemical Purity	>99.5% (HPLC)