

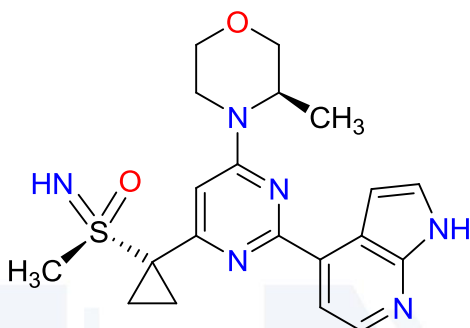


Northeast Business Center

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: | AZD6738 (Ceralasertib) |
| Synonym: | Ceralasertib, M6620 |
| CAS No: | 1799824-08-0 |
| Prod. No: | CT-A6738 |
| Lot No: | 01 |
| Batch Empirical Formula Batch Empirical Wt. | C ₂₀ H ₂₄ N ₆ O ₂ S·0.5H ₂ O 421.5 |
| Solubility | Soluble in DMSO (>42.2mg/ml, 100 mM) |
| Storage | Store at 0 °C (short term), -20 °C (long term), desiccated |

| | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance | Off-white to pale-yellow powder |
| Quality Control | MS: [✓] ¹ HNMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C₂₀H₂₄N₆O₂S·0.5H₂O Calculated: C: 56.99%; H: 5.98%; N: 19.94% Found: C: 57.44%; H: 6.00%; N: 20.06% |
| Chemical Purity | >99.5% (Achiral HPLC at 214nm) >99.5% (Achiral HPLC at 254nm) |
| Optical Purity (e.e) | 100% (Chiral HPLC) |