

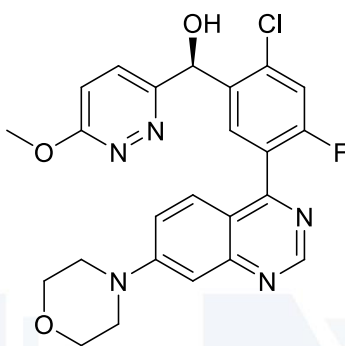


Northeast Business Center

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Certificate of Analysis



Product Name:	M-3814
Synonym:	Nedisertib, MSC2363318A
CAS No:	1637542-33-6
Prod. No:	CT-M3814
Lot No:	06
Batch Empirical Formula Batch Empirical Wt.	C ₂₄ H ₂₁ ClFN ₅ O ₃ 481.9
Solubility	Soluble in DMSO (24.1mg/ml, 50mM) at 50 °C
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Pale-yellow crystalline powder, recrystallized
Quality Control	¹ H-NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₄ H ₂₁ ClFN ₅ O ₃ Calculated: C: 59.82%; H: 4.39%; N: 14.53% Found: C: 59.75%; H: 4.30%; N: 14.34%
Chemical Purity	>99% (HPLC)
Optical Purity (ee)	>99% (Chiral HPLC)