

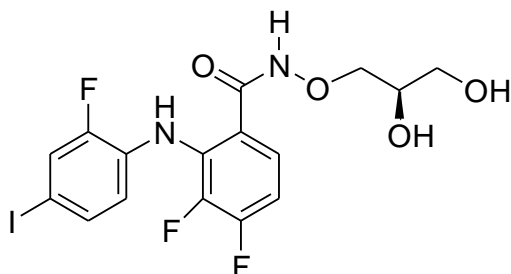


Northeast Business Center

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Certificate of Analysis



Product Name:	PD-0325901
Synonym:	Mirdametinib, PD0325901
CAS No:	391210-10-9
Prod. No:	CT-PD03
Lot No:	04
Batch Empirical Formula	C ₁₆ H ₁₄ F ₃ IN ₂ O ₄
Batch Empirical Weight	482.2
Solubility	Soluble in DMSO (48.2mg/ml, 100mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	White powder
Quality Control	Achiral HPLC: [✓] Chiral HPLC: [✓] ¹ H-NMR: [✓] Quantitative Elemental Analysis: [✓] C ₁₆ H ₁₄ F ₃ IN ₂ O ₄ Calculated: C: 39.85%; H: 2.93%; N: 5.81% Found: C: 39.86%; H: 2.90%; N: 5.75%
Loss on Drying	< 0.2%
Chemical Purity	>99.5% (Achiral HPLC at 214 and 254 nm)
Optical Purity (e.e)	>99.5% (Chiral HPLC)