

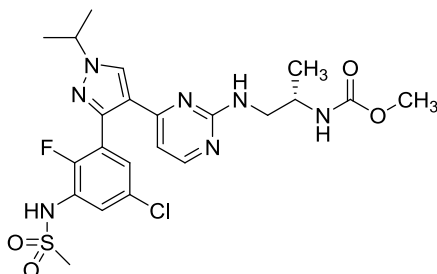


Northeast Business Center

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Certificate of Analysis



Product Name:	LGX818 (Encorafenib)
Synonym	NVP-LGX818, Encorafenib
CAS No:	1269440-17-6
Prod. No:	CT-LGX818
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	C ₂₂ H ₂₇ ClFN ₇ O ₄ S 540.0
Solubility	Soluble in DMSO (27.0 mg/ml, 50 mM) at 50 °C
Storage	Store at 0 °C (short term), - 20 °C (long term), desiccated

Appearance	Off-white powder, recrystallized
Quality Control	¹ HNMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₂ H ₂₇ ClFN ₇ O ₄ S Calculated: C: 48.93%; H: 5.04%; N: 18.16% Found: C: 49.07%; H: 5.09%; N: 18.19%
Chemical Purity	>99.5% (Achiral HPLC at 214 nm) >99.5% (Achiral HPLC at 254 nm)
Optical Purity (e.e)	100% (Chiral HPLC)