

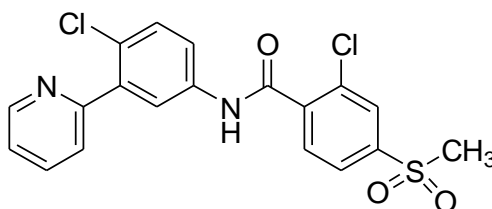


Northeast Business Center

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Certificate of Analysis



Product Name:	GDC-0449
Synonym:	Vismodegib
CAS No:	879085-55-9
Prod. No:	CT-G0449
Lot No:	03
Batch Empirical Formula	C ₁₉ H ₁₄ Cl ₂ N ₂ O ₃ S
Batch Empirical Wt.	421.3
Solubility	Soluble in DMSO
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Snow-white powder
Quality Control	MS: [✓] ¹ HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis [✓]: C ₁₉ H ₁₄ Cl ₂ N ₂ O ₃ S Calculated: C: 54.17% H: 3.35% N: 6.65% Found: C: 54.18% H: 3.43% N: 6.54%
Loss on Drying	< 0.2%
Purity	>99.5% (HPLC at 214 and 254 nm)