

Northeast Business Center

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Certificate of Analysis

Product Name:	Zanubrutinib
Synonym	BGB-3111
CAS No:	1691249-45-2
Prod. No:	CT-ZANU
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	C27H29N5O3 471.6
Solubility	Soluble in DMSO (47.2mg/ml, 100 mM) at 25 °C
Storage	Store at 0 - 4 °C (short term), - 20 °C (long term), desiccated

Appearance	White to Off-white Powder
	¹H-NMR: [√]
Quality Control	Achiral HPLC: [√]
	Chiral HPLC: [√]
	Quantitative Elemental Analysis: [√] C22H21F4N5O3
	Calculated: C: 68.77%; H: 6.20%; N: 14.85%
	Found: C: 68.75%; H: 6.18%; N: 14.82%
Chemical Purity	>99% (by Achiral HPLC)
Optical Purity (e.e)	>99% (by Chiral HPLC)