

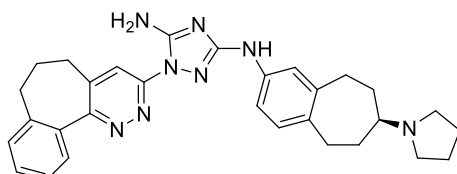


Northeast Business Center

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Certificate of Analysis



Product Name:	R-428
Synonym:	Bemcentinib, BGB-324
CAS No:	1037624-75-1
Prod. No:	CT-R428
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$C_{30}H_{34}N_8 \cdot 2H_2O$ 542.7
Solubility	Soluble in DMSO (54.3 mg/ml, 100 mM) 0.1 N HCl (27.1 mg/ml, 50 mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated
Appearance	White to Off-white powder
Quality Control	1H -NMR: [√] Achiral HPLC: [√] Chiral HPLC: [√] Quantitative Elemental Analysis: [√] $C_{30}H_{34}N_8 \cdot 2H_2O$ Calculated: C: 66.40%; H: 7.06%; N: 20.65% Found: C: 65.80%; H: 6.91%; N: 20.57%
Chemical Purity	>99% (Achiral HPLC at 214 and 254 nm)
Optical Purity (e.e)	>99% (Chiral HPLC)