

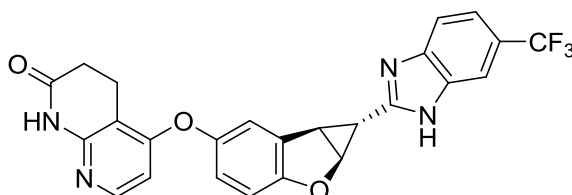


Northeast Business Center

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Certificate of Analysis



Product Name:	BGB-283
Synonym:	Lifirafenib
CAS No:	1446090-77-2
Prod. No:	CT-BGB283
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$C_{25}H_{17}F_3N_4O_3 \cdot 1.3H_2O$ 501.8
Solubility:	Soluble in DMSO (25.2mg/ml, 50mM) at 45 °C
Storage:	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Milk-white Crystalline Solid/Powder
Quality Control	MS: [✓] 1H NMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{25}H_{17}F_3N_4O_3 \cdot 1.3H_2O$ Calculated: C: 59.83%; H: 3.94%; N: 11.16% Found: C: 59.75%; H: 3.83 %; N: 10.99%
Chemical Purity	>99.5% (HPLC at 220 and 254 nm)
Optical Purity (e.e, d.e)	>99.5% (Chiral HPLC)