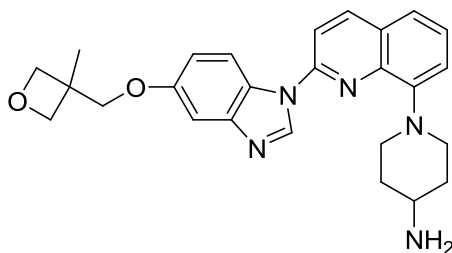


Certificate of Analysis



Product Name:	Crenolanib
Synonym:	CP-868596, ARO-002, Plarotinib
CAS No:	670220-88-9
Prod. No:	CT-CREN
Lot No:	01
Mol. Formula:	C ₂₆ H ₂₉ N ₅ O ₂
Mol. Wt.	443.54
Solubility:	Soluble in DMSO, water with 1 eq. of Acid
Storage:	Store at 0 – 4 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white powder with faint yellow tint
Quality Control	MS: [✓] ¹ HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₆ H ₂₉ N ₅ O ₂ Calculated: C: 70.41%; H: 6.59%; N: 15.79% Found: C: 69.74%; H: 6.61%; N: 15.52%
Chemical Purity	>99.5% (HPLC)