

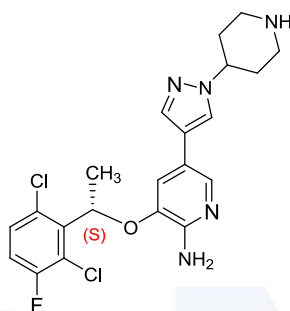


Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

Certificate of Analysis



Product Name:	(S)-Crizotinib
Synonym:	NA
IUPAC Name:	3-[(1S)-1-(2,6-dichloro-3-fluorophenyl)ethoxy]-5-(1-piperidin-4-ylpyrazol-4-yl)pyridin-2-amine
CAS No:	1374356-45-2
Prod. No:	CT-CRIZS
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	C ₂₁ H ₂₂ Cl ₂ FN ₅ O · 0.2H ₂ O 453.9
Solubility	Soluble in DMSO (>50mg/ml), Ethanol (>50 mg/ml)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white to pale yellow powder
Quality Control	MS: [✓] ¹ HNMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C₂₁H₂₂Cl₂FN₅O · 0.2H₂O Calculated: C: 55.56% H: 4.97% N: 15.43% Found: C: 55.48% H: 5.03% N: 15.28%
Chemical Purity	99.5% (HPLC at 214 and 254 nm)
Optical Purity (ee)	100% (Chiral HPLC)