



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-396752
Lot Number: SAMPLE
Product Name: Bosutinib Isomer 1, Free Base
CAS Number: 1391063-17-4
Molecular Formula: $C_{26}H_{29}Cl_2N_5O_3$
Molecular Weight: 530.45

Test	Specification	Result
Appearance		White to off-white crystalline solid (granular or powder)
Identification		Structure proven by single-crystal X-ray crystallography
Purity (HPLC)		> 99%
Purity (TLC)		> 99%
Elemental Analysis	C: 57.43%, H: 5.99%, Cl: 12.46%, N: 12.31%	C: 57.63%, H: 5.93%, Cl:12.37%, N: 12.25%
Melting Point		212 - 213°C
Solubility		Soluble in DMSO at 33 mg/mL; soluble in ethanol at 10 mg/mL with warming; very poorly soluble in water; maximum solubility in plain water is estimated to be about 10-50 uM; buffers, serum, or other additives may increase or decrease the aqueous solubility.

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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