



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-220372
Lot Number: SAMPLE
Product Name: Vatalanib-d4 Dihydrochloride
CAS Number: 1246820-27-8
Molecular Formula: $C_{20}H_{13}D_4Cl_3N_4$
Molecular Weight: 423.76
Native Source: Synthetic

Test	Specification	Result
Appearance		Light pink solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		99.1%
Purity (TLC)		98%
Atmosphere		Inert gas
Melting Point		> 201 °C (dec.)
Solubility		DMSO (slightly), methanol (slightly), water (slightly)
Carbon Content	56.69%	52.28%
Chloride		16.2%
Hydrogen Content	4.06%	4.63%
Nitrogen Content	13.22%	12.08%
Water Content (KF)		9.4%

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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