



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-311303
Lot Number: SAMPLE
Product Name: Cdc7/Cdk9 Inhibitor
CAS Number: 845714-00-3
Molecular Formula: $C_{12}H_{11}N_3O$
Molecular Weight: 213.24

Test	Specification	Result
Appearance		Off-white solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity		99.8%
TLC		Rf = 0.6 (DCM/ MeOH (4: 1))
Melting Point		> 300 °C
Solubility		Soluble in 0.1N HCl (aq) at 16.0 mg/ml, in DMSO at 21.3 mg/ml; insoluble in water
Carbon Content	67.59%	67.26%
Hydrogen Content	5.20%	4.88%
Nitrogen Content	19.71%	19.67%

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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