



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-498126
Lot Number: SAMPLE
Product Name: Ferrostatin 1
CAS Number: 347174-05-4
Molecular Formula: $C_{15}H_{22}N_2O_2$
Molecular Weight: 262.35

Test	Specification	Result
Appearance		Brown solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity		99.5%
TLC		Rf: 0.56
Melting Point		108 °C
Solubility		Insoluble in water Soluble in DMSO at 26.2 mg/ml
Carbon Content	68.67%	68.74%
Hydrogen Chloride	8.45%	8.61%
Nitrogen Content	10.68%	10.73%

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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