



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-224029  
Lot Number: SAMPLE  
Product Name: Ivachtin  
CAS Number: 745046-84-8  
Molecular Formula:  $C_{20}H_{21}N_3O_7S$   
Molecular Weight: 447.47

Test	Specification	Result
Appearance		Beige Solid
Microanalysis		C, H and N fit within 0.4% of theoretical calculation
Identification (1H-NMR)	Consistent with the structure	Complies
Identification (Mass Spectrometry - ESI)	Consistent with the structure	Complies
Purity (LC)		99%
TLC		Rf= 0.8
Melting Point		220.6-221.2 °C
Solubility		DMSO 4.6 mg/ml Ethanol 1 mg/ml

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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