



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-224044  
Lot Number: SAMPLE  
Product Name: LP 44  
CAS Number: 824958-12-5  
Molecular Formula:  $C_{27}H_{37}N_3OS \cdot HCl$   
Molecular Weight: 488.13

Test	Specification	Result
Appearance	White to off-white solid	White solid
Microanalysis	Element analysis within 0.4 of expected result for each element tested	Complies
Identification (NMR)	Consistent with structure and show < 1% of any impurity	Complies
Identification (Mass Spectrometry)	Electrospray positive analysis show mass ion corresponding to $[M-HCl+H]^+$	Mass ion: 452.4
Purity (HPLC)	> 99% by RP analysis	Complies
TLC	Single spot, $R_f = 0.45$	Complies
Solubility	Soluble in DMSO to 100 mM and in ethanol to 100 mM	Complies

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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