



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-311309  
Lot Number: SAMPLE  
Product Name: CYM 5442 hydrochloride  
CAS Number: 1094042-01-9  
Molecular Formula:  $C_{23}H_{27}N_3O_4 \cdot HCl \cdot xH_2O$   
Molecular Weight: 445.94 (anhydrous)

Test	Specification	Result
Appearance		Off-white solid
1H-NMR	>98%	Complies
Identification (Mass Spectrometry)		Complies
Purity (HPLC)		99.4%
TLC		Rf = 0.2 (Dichloromethane:Methanol [9:1])
Solubility		Water to 10 mM DMSO to 100 mM
Carbon Content	~58.97%	59.05%
Hydrogen Content	~6.56%	6.68%
Nitrogen Content	~8.97%	9.04%

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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