



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-361154  
Lot Number: SAMPLE  
Product Name: CP 100356 hydrochloride  
CAS Number: 142716-85-6  
Molecular Formula:  $C_{31}H_{36}N_4O_6 \cdot HCl$   
Molecular Weight: 597.1

Test	Specification	Result
Appearance		White solid
Microanalysis		C, H and N fit within 0.4% of theoretical calculation
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		99.6% (check at 249 nm)
Purity		100% (under UV max 203 nm)
TLC		$R_f = 0.6$
Melting Point		213 - 215 °C (dec.)
Solubility		Soluble in DMSO at 54.00 mg/ml (requires slight warming)

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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