



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-224020  
Lot Number: SAMPLE  
Product Name: IB-MECA  
CAS Number: 152918-18-8  
Molecular Formula:  $C_{18}H_{19}IN_6O_4$   
Molecular Weight: 510.29

Test	Specification	Result
Appearance	White to off-white solid	White solid
Microanalysis	Elemental analysis within 0.4 of expected result for each element tested	Complies
Identification (1H-NMR)	Consistent with structure and shows <1% of any other impurity	Complies
Identification (Mass Spectrometry)	Electrospray positive analysis shows mass ions corresponding to $[M+H]^+$ and $[M+Na]^+$	Mass ions: 511.1 and 533.1
Identification (TLC)	Single spot; $R_f = 0.34$	Complies
Purity (HPLC)	> 97% by RP analysis	> 98%
Solubility	50 mM in DMSO	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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