



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-204189A
Lot Number: SAMPLE
Product Name: Philanthotoxin 74
CAS Number: 401601-12-5
Molecular Formula: $C_{24}H_{42}N_4O_3 \cdot 2HCl$
Molecular Weight: 507.54

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
1H -NMR	300 MHz in CD_3OD confirms structure and shows < 1% of any other impurity	Complies
Purity (HPLC)	$\geq 98\%$ by RP analysis	> 98%
TLC		$R_f = 0.26$
Solubility	Soluble in water to 100 mM and in DMSO 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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