



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-301624  
Lot Number: SAMPLE  
Product Name: Pyr3  
CAS Number: 1160514-60-2  
Molecular Formula:  $C_{16}H_{11}Cl_3F_3N_3O_3$   
Molecular Weight: 456.63

Test	Specification	Result
Appearance		Pale yellow solid
Identification (1H-NMR)		Consistent with structure
Identification (19F-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Air
Melting Point		148 - 149 °C
Solubility		DMSO (slightly), Ethyl Acetate (slightly)
Carbon Content	42.08%	41.98%
Hydrogen Content	2.43%	2.49%
Nitrogen Content	9.20%	8.97%

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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