



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-364596  
Lot Number: SAMPLE  
Product Name: R547  
CAS Number: 741713-40-6  
Molecular Formula:  $C_{18}H_{21}F_2N_5O_4S$   
Molecular Weight: 441.45

Test	Result
Appearance	White solid
Microanalysis	C, H and N fit within 0.4% of theoretical calculation
Identification ( $^1H$ -NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity	99.1%
TLC	$R_f$ : 0.46
Melting Point	226 °C
Solubility	Soluble in DMSO (44.1 mg/ml); insoluble in water

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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