



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-491417
Lot Number: SAMPLE
Product Name: 2-Isopropyl-d7 thioxanthone
CAS Number: 5495-84-1 unlabeled
Molecular Formula: $C_{16}H_7D_7OS$
Molecular Weight: 261.39
Native Source: Synthetic

Test	Specification	Result
Appearance	Off-white to light yellow solid	Pale yellow to light yellow solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	97.40%
Purity (HPLC)		95.48% (260 nm)
Purity (TLC)		94%
Carbon Content	73.52%	73.57%
Hydrogen Content	5.40%	5.01%

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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