



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-476359
Lot Number: SAMPLE
Product Name: Pyriproxyfen-D4
CAS Number: 95737-68-1 (unlabeled)
Molecular Formula: $C_{20}H_{15}D_4NO_3$
Molecular Weight: 325.39
Native Source: Synthetic

Test	Specification	Result
Appearance		Pale yellow to light yellow oil
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		98.4%
Purity (TLC)		97%
Atmosphere		Air
Solubility		Chloroform (slightly), Ethyl Acetate (slightly)
Carbon Content	73.82%	74.21%
Hydrogen Content	5.90%	6.06%
Nitrogen Content	4.30%	4.09%

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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