



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-232949
Lot Number: SAMPLE
Product Name: 4-Phenacylidene-2,2,5,5-tetramethylimidazolidin-1-yloxy, free radical
CAS Number: 84271-26-1
Molecular Formula: $C_{15}H_{19}N_2O_2$
Molecular Weight: 259.32

Test	Result
Appearance	Orange crystals
Identification (Infrared Spectrum)	Consistent with structure
Purity (TLC)	98%
Melting Point	181.3 - 183.5 °C
Solubility	Clear, Yellow solution in $CHCl_3$ at 25 mg/ml
Carbon Content	69.11%
Hydrogen Content	7.98%
Nitrogen Content	10.75%

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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