



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-478060
Lot Number: SAMPLE
Product Name: 6-Nitro-1-Pyrenol and 8-Nitro-1-Pyrenol mixture (8-Nitro major)
CAS Number:
Molecular Formula: $C_{16}H_9NO_3$
Molecular Weight: 263.25
Native Source: Synthetic

Test	Result
Appearance	Dark red solid
Identification (1H-NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity (TLC)	95%
Atmosphere	Air
Melting Point	>153°C (dec.)
Solubility	DMSO (slightly), Methanol (slightly, heated)
Content	70% 8-Nitro 30% 6-Nitro
Carbon Content	72.12%
Hydrogen Content	3.35%
Nitrogen Content	5.14%

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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