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Handcrafted Solutions For A High-Tech World

9-Phenylacridine FP 5400

General

9-Phenylacridine is commonly used in the electronics industry as a free-radical photoinitiator. It is also a very effective LED sensitizer for both cationic and free-radical UV systems. 9-PA has also been explored for its uses as a photoresist.

Chemical Structure



Product Information

Product Type:	Photoinitiator Type II; Sensitizer Dye; Photosensitizer
CAS Number:	602-56-2
Product Name:	9-phenylacridine
Synonyms:	Acridine, 9-phenyl; 9-PA; 3-propan-2-yloxy-1-cyclohex-2- enone; 9-phenyl-acridin
Applications:	Electronics
Key Features:	Photosensitizer; LED Absorbance Range

Typical Properties

Appearance: Purity: Melting Point: Molecular Weight: Yellowish, Crystalline Solid 94% Minimum 183 - 186°C (Capillary) 255.31 g/mole

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Absorption Spectrum



Safety and Handling

Keep the container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents. Handle in a well-ventilated area with suitable protective equipment. Use local exhaust if dust will be generated.

9-Phenylacridine is sensitive to visible light. Exposure to sunlight should be avoided.

Detailed information is provided in the SDS.

For additional information visit our website www.hampfordresearch.com.

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