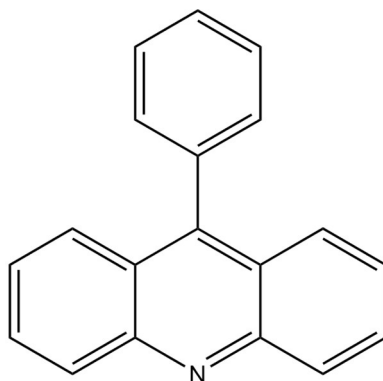


9-Phenylacridine FP 5400

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



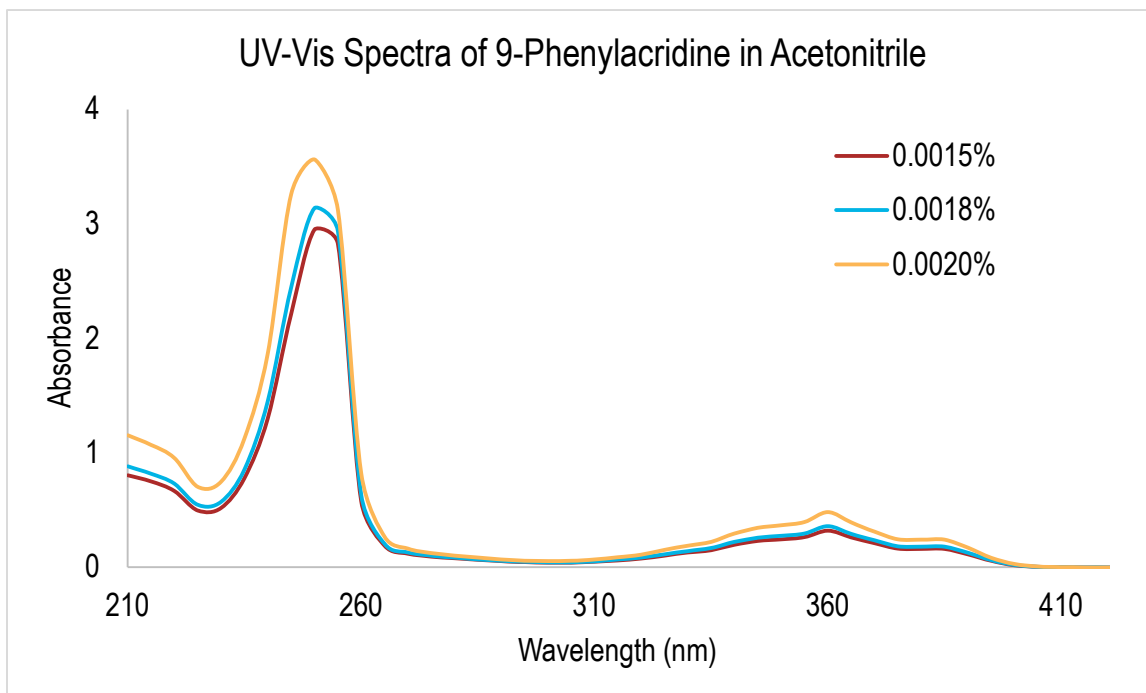
Product Information

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

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.