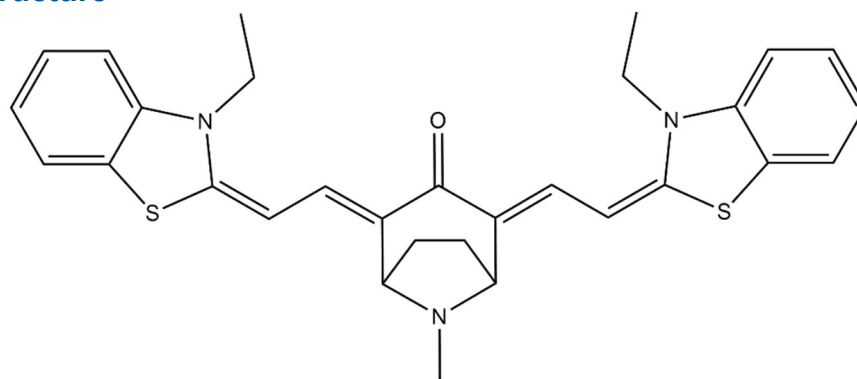


SD-184 FP 5432

General

SD-184 is a sensitizing dye designed to increase UV energy absorption outside the normal range of the photoinitiator. This increases the effective spectral range, transferring this energy to the photoinitiator. This is especially effective with HABIs.

Chemical Structure



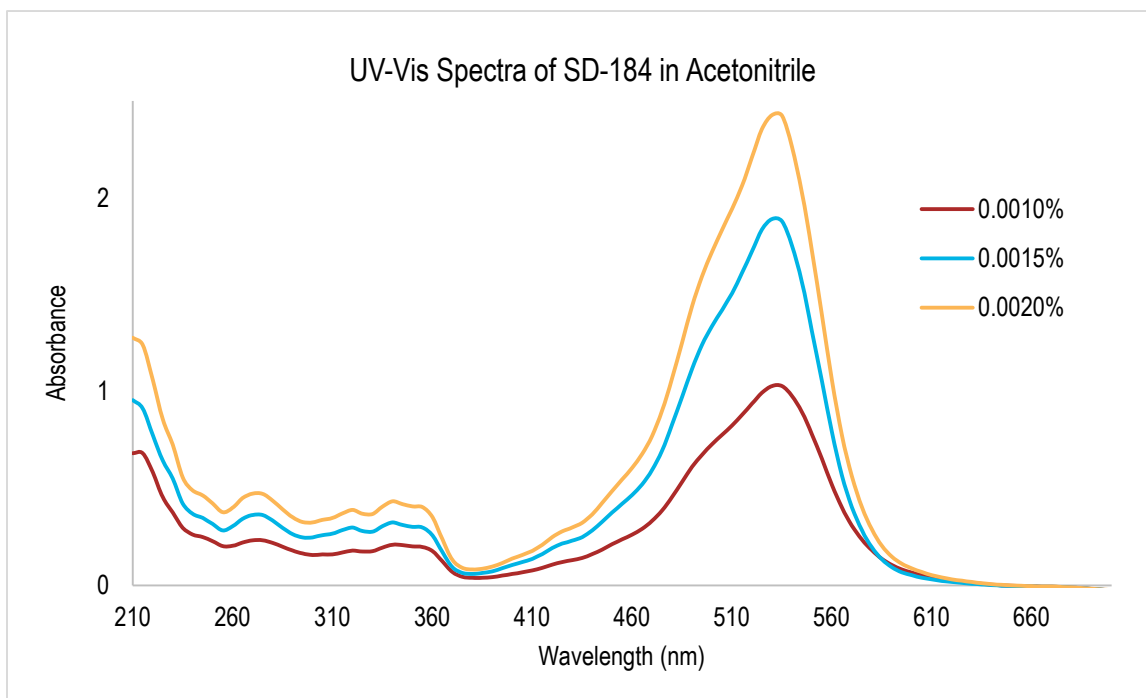
Product Information

Product Type:	Sensitizer; Sensitizing Dye
CAS Number:	154482-35-6
Product Name:	2,4-Bis[2-(3-ethyl-2(3H)-benzothiazolylidene)ethylidene]-8-methyl-8-azabicyclo[3.2.1]octan-3-one
Synonyms:	8-Azabicyclo[3.2.1]octan-3-one, 2,4-bis[(3-ethyl-2(3H)-benzothiazolylidene)ethylidene]-8-methyl-
Applications:	Electronics; Holographic Dyes/Films
Key Features:	Photosensitizer; Green Light Absorbance; Pairs well with HABIs

Typical Properties

Appearance:	Green Solid
λ Max:	532nm
Melting Point:	153 – 178°C (Capillary)
Molecular Weight:	513.72 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.

SD-184 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.