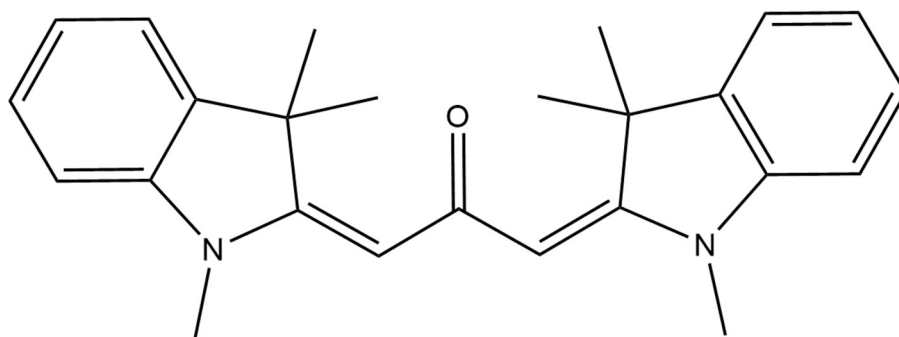


BFBK
FP 5059

General

BFBK 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 and other free-radical photoinitiators.

Chemical Structure



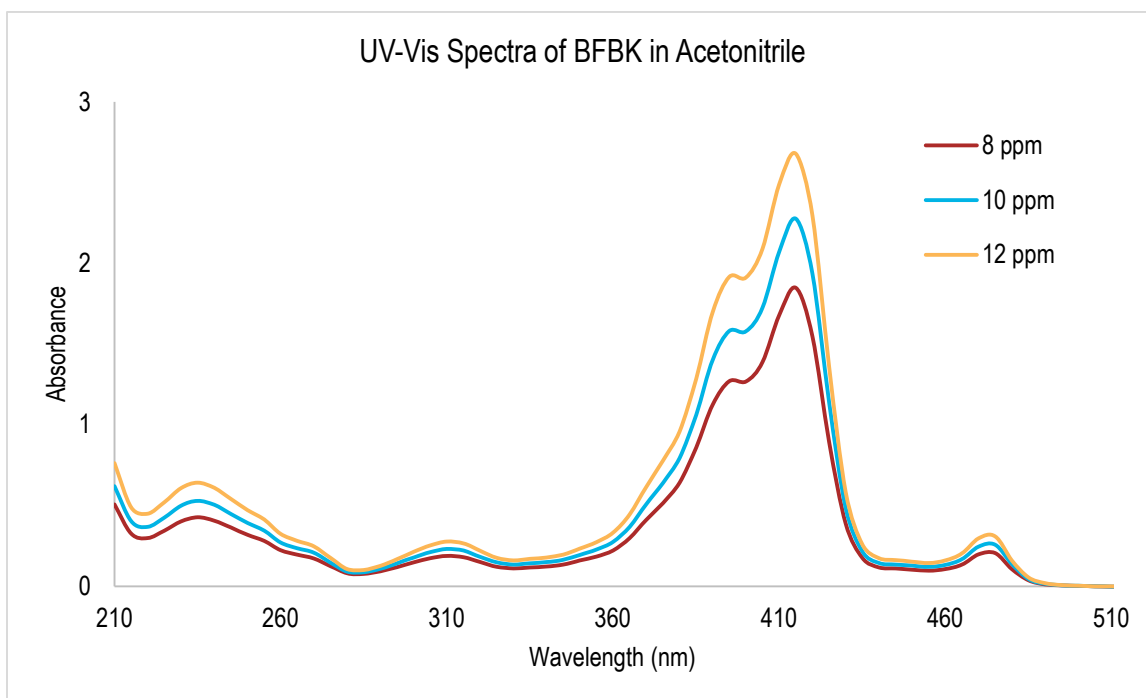
Product Information

Product Type:	Sensitizer; Sensitizing Dye
CAS Number:	24293-93-4
Product Name:	Bis Fischer Base Ketone
Synonyms:	1,3-Bis(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)-2-propanone; 2-Propanone, 1,3-bis(1,3,3-trimethyl-2-indolinylidene)-; BFBK
Applications:	Coatings, Adhesives, Lithography, Printing, Graphic Arts, Photopolymer Imaging
Key Features:	Photosensitizer; Violet Light Absorbance

Typical Properties

Appearance:	Yellow Solid
λ Max:	415 nm
Melting Point:	230°C (Capillary)
Molecular Weight:	372.50 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 is generated.

BFBK 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.