



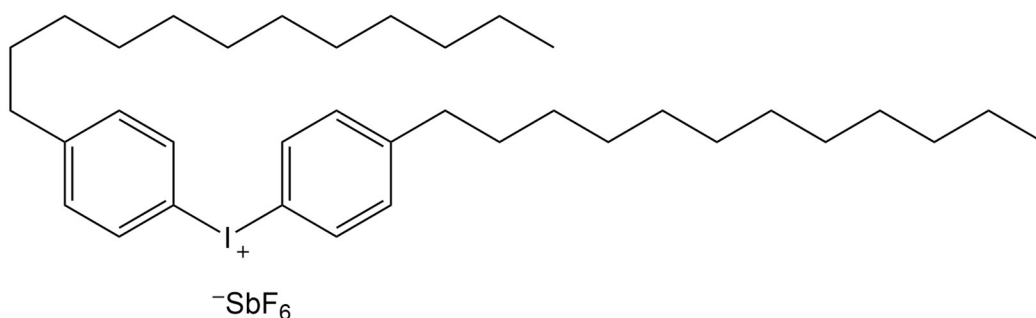
BisDDI SbF₆ 70% **FP 5374**

General

FP5374 is a highly efficient UV photoacid generator (PAG) used to initiate the photopolymerization in epoxies, epoxy silicones, oxetanes, and many other monomers.

The unique liquid formulation is 70% active PAG dissolved in a reactive diluent, dodecyl glycidyl ether, providing excellent solubility, cure speed, and ease of use. It is ideal for both broad spectrum UV and LED applications.

Chemical Structure



Product Information

Product Type:	Photoacid Generator
CAS Number:	71786-70-4
Product Name:	Bis(4-dodecylphenyl)iodonium hexafluoroantimonate
Synonyms:	Iodonium, bis(4-dodecylphenyl)-, (OC-6-11)-hexafluoroantimonate(1-) (1:1); BisDDI 70%
Key Features:	High-speed Photoacid Generator; Outstanding Solubility and High-temperature Stability

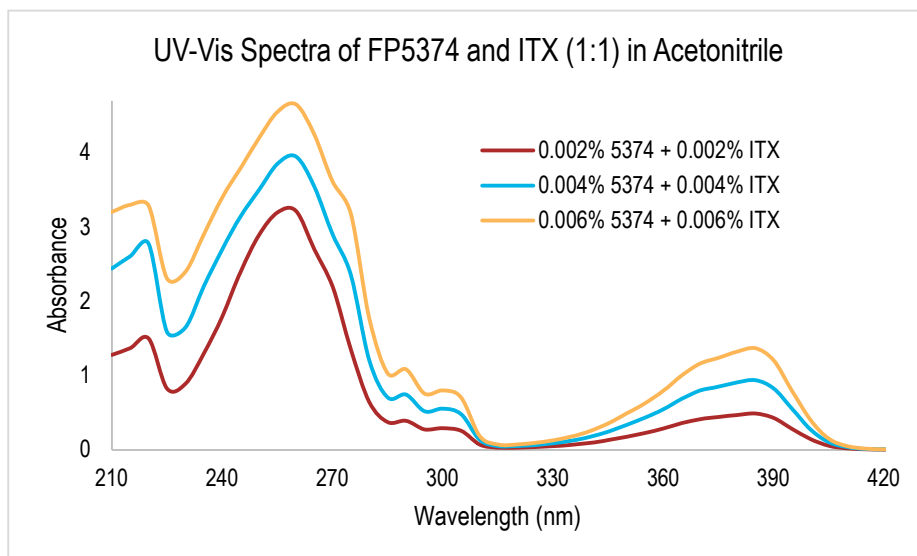
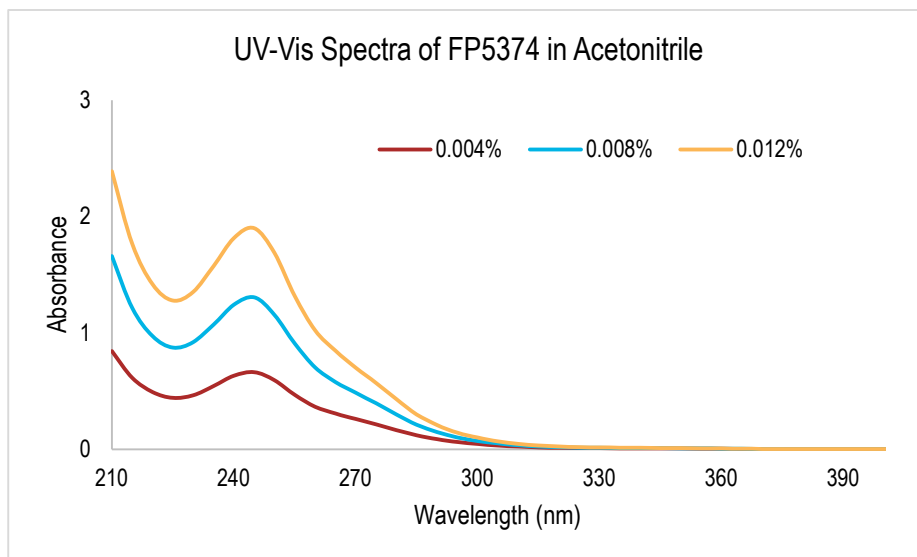
Suggested Starting Formulation

FP5374 should be added between 1-3% by mass, for use with broad spectrum mercury lamps. For LED applications, equal amounts of sensitizer (i.e. ITX or 9,10-DEA) should be used to help facilitate curing.

Typical Properties

Appearance: Tan/brown Liquid
Purity: 70% by mass in Dodecyl glycidyl ether

Absorption Spectrum



Safety and Handling

Keep the container tightly closed. Store in a cool and dark place. Material is photosensitive, do not expose to sunlight or visible light. Handle in a well-ventilated area with suitable protective equipment. Detailed information is provided in the SDS.

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