

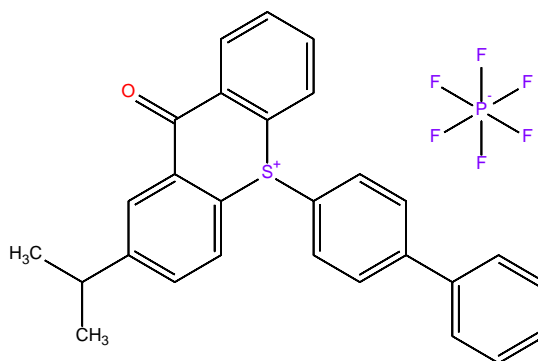
# PowerCure™ PAG110 Photoinitiator

**Introduction** PowerCure™ PAG110 is mainly used in various cationic light curing systems, mostly used in colored systems.

**Chemical Name** 10-[1,1'-Biphenyl]-4-yl-2-(1-methylethyl)-9-oxo-9H-thioxanthenium hexafluorophosphate

**CAS Number** 591773-92-1

**Chemical Structure**



**Chemical Formula**  $C_{28}H_{23}OS.PF_6$

**Physical Properties**

Appearance	Yellow crystalline powder
Melting Point (°C)	202-210
Volatile Loss (%)	Max.0.5
Purity (%)	Min.98

**Benefits & Applications**

PowerCure™ PAG110 has high photoinduced activity, good surface drying, no yellowing, no migration, no odor. There is certain absorption at 365nm, which can be used for LED curing.

**Handling & Storage**

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers

## PowerCure™ PAG110 Photoinitiator

should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

### **Packing**

PowerCure™ PAG110 is supplied in 1Kg Paper Bag or 20Kg Drum.

### **Note**

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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