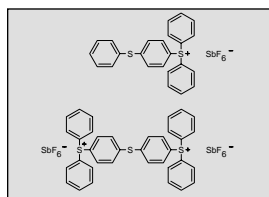


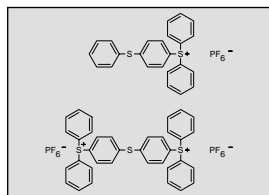
Cationic Photoinitiators

A photoinitiator is a compound especially added to a formulation to convert absorbed light energy, UV or visible light, into chemical energy in the form of initiating species, viz., free radicals or cations. Cationic photoinitiators are used extensively in optical lithography. The ability of some types of cationic photoinitiators to serve as latent photochemical sources of very strong protonic or Lewis acids is the basis for their use in photoimaging applications.

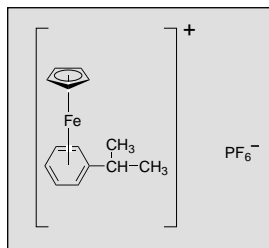
Aldrich offers a large selection of photoinitiators of various chemical classes—acetophenone, benzil/benzoin, benzophenone, thioxanthone, onium salts, and others. A selection of cationic photoinitiators is given below. Visit our Web site for extensive **application and reference information on Polymer Products from Aldrich**, including UV spectra on commonly used radical and cationic photoinitiators. If you have questions or comments about any of our products or would like to make a new product suggestion, **please bother us!** We can be reached at aldrich@sial.com.



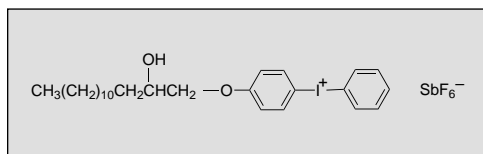
40,722-4 Triarylsulfonium hexafluoroantimonate salts,
mixed, 50% in propylene carbonate
25mL; 100mL



40,721-6 Triarylsulfonium hexafluorophosphate salts,
mixed, 50% in propylene carbonate
25mL; 100mL



40,807-7 (Cumene)cyclopentadienyliron(II) hexafluorophosphate, 98%
10g; 50g



**44,583-5 [4-[(2-Hydroxytetradecyl)oxy]phenyl]
phenyliodonium hexafluoroantimonate**
5g; 25g

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