

Free Radical Photoinitiators

CAS Number	ChemWhat Code	Product Name	Absorption Peak
947-19-3	1287867	1-Hydroxycyclohexyl phenyl ketone	244nm, 280nm, 326nm
7473-98-5	1008439	2-Hydroxy-2-methylpropiophenone	244nm, 278nm, 322nm
10287-53-3	56120	Ethyl 4-dimethylaminobenzoate	315nm
125051-32-3	35720	Bis[2,6-difluoro-3-(1H-pyrrol-1-yl)phenyl]titanocene	333nm, 396nm, 470nm
253585-83-0	301293	1-[4-(Phenylthio)phenyl]-1,2-octanedione 2-(O-benzoyloxime)	252nm, 328nm
478556-66-0	779817	1-[9-Ethyl-6-(2-methylbenzoyl)-9H-carbazol-3-yl]ethanone 1-(O-acetyloxime)	252nm, 291nm, 328nm
75980-60-8	69439	TPO	295nm, 368nm, 380nm, 400nm
162881-26-7	69404	Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide	338nm, 370nm, 405nm
84434-11-7	1201084	Ethyl (2,4,6-trimethylbenzoyl) phenylphosphinate	369nm
5495-84-1	26581	2-Isopropylthioxanthone	258nm, 382nm
82799-44-8	1192910	2,4-Diethyl-9H-thioxanthen-9-one	261nm, 385nm
71868-10-5	50594	2-Methyl-4'-(methylthio)-2-morpholinopropiophenone	240nm, 306nm
119313-12-1	332433	2-Benzyl-2-(dimethylamino)-4'-morpholinobutyrophenone	206nm, 323nm
5623-45-0	815221	2,2',4,4',6,6'-Hexamethylbenzophenone	207nm, 267nm

Cationic Photoinitiators

CAS Number	ChemWhat Code	Product Name	Absorption Peak
32760-80-8	345048	Iron(1+), (.eta.5-2,4-cyclopentadien-1-yl)(1,2,3,4,5,6-.eta.)-(1-methylethyl)benzene-, hexafluorophosphate(1-)	300nm, 390nm, 450nm
100011-37-8	182142	(η-cumene)-(η-cyclopentadienyl)iron(II) hexafluoroantimonate	300nm, 390nm, 450nm
344562-80-7	425547	(4-Methylphenyl) [4-(2-methylpropyl)phenyl] iodonium hexafluorophosphate	243nm
71786-70-4	1111708	Bis(4-dodecylphenyl)iodonium hexafluorantimonate	278nm
121239-75-6	346321	4-OCTYLOXYDIPHENYLIODONIUMHEXAFLUOROANTIMONATE	205nm, 248nm
61358-25-6	927537	Bis(4-tert-butylphenyl)iodonium hexafluorophosphate	205nm, 248nm

60565-88-0	927277	Bis(4-methylphenyl)iodonium hexafluorophosphate	245nm
71449-78-0	1107179	4-Thiophenyl phenyl diphenyl sulfonium hexafluoroantimonate	300nm
75482-18-7	1132659	Diphenyl[(phenylthio)phenyl]sulfonium hexafluorophosphate	292nm
591773-92-1	900455	10-[1,1'-Biphenyl]-4-yl-2-(1-methylethyl)-9-oxo-9H-thioxanthenium hexafluorophosphate	286nm
163702-01-0	430310	KIP 150	257nm
7473-98-5	1008439	2-Hydroxy-2-methylpropiophenone	257nm
606-28-0	50533	Methyl 2-benzoylbenzoate	253nm
474510-57-1	770462	1,1'-(Methylene-di-4,1-phenylene)bis[2-hydroxy-2-methyl-1-propanone]	278nm
71512-90-8	51445	Polyethylene Glycol(200)di(β-(4(pacetyl phenyl) piperazine))propionate	226nm, 311nm
119344-86-4	332338	PI379	233nm, 320nm
5421-53-4	806015	Bis(4-tert-butylphenyl)iodonium chloride	
4270-70-6	622583	Triphenylsulfonium chloride	
75081-21-9	1131338	Isopropyl-9H-thioxanthen-9-one	285nm, 382nm
24650-42-8	62381	2,2-Dimethoxy-2-phenylacetophenone	250nm, 340nm
119-61-9	83134	Benzophenone	210nm, 255nm
134-85-0	63024	4-Chlorobenzophenone	204nm, 258nm
2128-93-0	60479	4-Benzoylbiphenyl	289nm
15206-55-0	57025	Methyl benzoylformate	255nm, 325nm
134-84-9	62547	4-Methylbenzophenone	260nm
106797-53-9	204919	2-Hydroxy-4'-(2-hydroxyethoxy)-2-methylpropiophenone	276nm
61358-23-4	927542	Bis-(4-tert-butylphenyl)-iodonium hexafluoroantimonate	
229325-98-8	1490213	di(4-t-butyl)phenyliodonium 2-trifluoromethylbenzenesulfonate	
178233-72-2	999435	4-ISOPROPYL-4'-METHYLDIPHENYLIODONIUM TETRAKIS(PENTAFLUOROPHENYL)BORATE	
203573-06-2	228153	Diphenyl[4—(phenylthio)phenyl]sulfonium tetrakis(pentafluorophenyl)borate	
227199-92-0	1490216	Triphenyl sulfonium 10-camphorsulfonate	
425670-97-9	1490219	triphenylsulfanium 2-(trifluoromethyl)benzene-1-sulfonate	

5421-53-4	806015	Bis(4-tert-butylphenyl)iodonium chloride	
4270-70-6	622583	Triphenylsulfonium chloride	
77016-78-5	1136076	3-BENZOYL-7-DIETHYLAMINOCOUMARIN	

Cationic Monomers			
CAS Number	ChemWhat Code	Product Name	Features
3047-32-3	58986	3-Ethyl-3-oxetanemethanol	Low viscosity, high cohesive force
18934-00-4	176636	3,3'-(Oxybis(methylene))bis(3-ethyloxetane)	Low viscosity, high cure-speed, high rigidity
298695-60-0	315838	3-Ethyl-3-[(2-ethylhexyloxy)methyl]oxetane	Low viscosity, good tenacity
3897-65-2	327955	3-ethyl-3-(phenoxymethyl)-Oxetane	Low viscosity, rigidity and flexibility
37674-57-0	373965	(3-Ethyloxetan-3-yl)methyl Methacrylate	Suitable for free radical-cationic hybrid hystem system
3143-02-0	59272	3-Methyl-3-oxetanemethanol	Low viscosity, high cohesive force
18724-32-8	179938	1,3 BIS[2(3,4 EPOXYCYCLOHEX-1-YL)ETHYL]TETRA-METHYLDISILOXANE	
2386-87-0	211630	3,4-Epoxycyclohexylmethyl 3,4-epoxycyclohexanecarboxylate	

Epoxy Resins			
CAS Number	ChemWhat Code	EEW (g/mol)	Viscosity (mPa·s/25°C)
64630-63-3	941231	175~195	30max
106-87-6	63864	70~80	30max
1996/8/2	1288781	80~100	4~20
81-21-0	63989	70~90	
2886-89-7	218746	70~100	10~50
18724-32-8	179938	185~205	50max
25293-64-5	253284	110~130	2,000~3,500
5493-45-8	801933	160~180	600~900
5026-74-4	799743	100~115	1,500~3,000
28768-32-3	275813	110~130	3,000~6,000