

Materials List for:

Design, Synthesis, and Photochemical Properties of Clickable Caged Compounds

Akinobu Z. Suzuki¹, Yukiko Shiraishi¹, Hanami Aoki¹, Hirona Sasaki¹, Rei Watahiki¹, Toshiaki Furuta¹

¹Department of Biomolecular Science, Faculty of Science, Toho University

Correspondence to: Toshiaki Furuta at furuta@biomol.sci.toho-u.ac.jp

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Materials

Name	Company	Catalog Number	Comments
acetonitrile, EP	Nacalai	00404-75	
acetonitrile, super dehydrated	FUJIFILM Wako	010-22905	
Antibiotic-Antimycotic, 100X	Thermo Fisher	15240062	
4-bromoresorcinol	TCI Chemicals	B0654	
N,N'-carbonyldiimidazole	FUJIFILM Wako	034-10491	
chloroform	Kanto	07278-71	
Copper (II) Sulfate Pentahydrate, 99.9%	FUJIFILM Wako	032-12511	
dichloromethane, dehydrated	Kanto	11338-05	
N,N'-Diisopropylcarbodiimide (DIPC)	TCI Chemicals	D0254	
4-dimethylaminopyridine	TCI Chemicals	D1450	
dimethylsulfoxide, dehydrated - super-	Kanto	10380-05	
DMEM - Dulbecco's Modified Eagle Medium	Sigma	D6046-500ML	
dual light source fluorescence illuminator, IX2-RFAW	Olympus		
Ethanol (99.5)	FUJIFILM Wako	054-07225	
Ethyl 4-Chloroacetoacetate	TCI Chemicals	C0911	
Ham's F-12 with L-Glutamine and Phenol Red	FUJIFILM Wako	087-08335	
hydrochloric acid	FUJIFILM Wako	087-01076	
inverted fluorescent microscope IX-71	Olympus		
ISOLUTE Phase Separator, 15 mL	Biotage	120-1906-D	
L-(+)-Ascorbic Acid Sodium Salt	FUJIFILM Wako	196-01252	
laser scanning fluorescence confocal microscopy, FLUOVIEW FV1200/IX-81	Olympus		
Lipofectamine 2000 Transfection Reagent	Thermo Fisher	11668027	lipofection reagent
3-(N-morpholino)propanesulfonic acid	Dojindo	345-01804	MOPS
4-nitrophenylchloroformate (4-NPC)	TCI Chemicals	C1400	
Opti-MEM I Reduced Serum Medium, no phenol red	Thermo Fisher	11058021	reduced serum medium contains no phenol red

1,10-Phenanthroline Monohydrate	Nacalai	26707-02	
Photochemical reactor with RPR 350 nm lamps	Rayonet		
Potassium Trioxalatoferate (III) trihydrate	FUJIFILM Wako	W01SRM19-5000	
Sodium Acetate Trihydrate	Nacalai	31115-05	
Sodium Bicarbonate	FUJIFILM Wako	199-05985	
Sulfuric Acid, 96-98%	FUJIFILM Wako	190-04675	
Tris(3-hydroxypropyltriazolylmethyl)amine (THPTA)	ALDRICH	762342-100MG	
tri-Sodium Citrate Dihydrate	Nacalai	31404-15	
Xenon light source, MAX-303	Asahi Spectra		