

Materials List for:

Fabrication of White Light-emitting Electrochemical Cells with Stable Emission from Exciplexes

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Materials

Name	Company	Catalog Number	Comments
Poly(9,9-di-n-dodecylfluorenyl-2,7-diyl) (PFD)	Aldrich	571660	
4,4',4''-Tris[2-naphthyl(phenyl)amino]triphenylamine (2-TNATA)	Aldrich	768669	
9,9-Dimethyl-N,N'-di(1-naphthyl)-N,N'-diphenyl-9H-fluorene-2,7-diamine (DMFL-NPB)	Aldrich		
Poly(ethylene oxide) (PEO)	Aldrich	182028	
Potassium trifluoromethanesulfonate (KCF ₃ SO ₃)	Aldrich	422843	dried under vacuum at 200 °C for 2 hr prior to use
Chloroform	Kanto Chemical Co.	08097-25	dehydrated
Cyclohexanone	Kanto Chemical Co.	07555-00	
SCAT 20-X (detergent)	Daiichi Kogyo Seiyaku		diluted with water
Acetone	Kanto Chemical Co.	01866-25	Electronic grade
2-propanol	Kanto Chemical Co.	32439-75	Electronic grade
13 mm GD/X Disposable Filter Device PVDF Filter Media, Polypropylene Housing	Whatman	6872-1304	
UV/O ₃ Treating Unit	SEN Lights Co.	SSP16-110	
Spectral Photo Detector	Otsuka Electronics	MCPD 9800	
Voltage Current Source Monitor	ADCMT	6241A	
Evaporation Mask	Tokyo Process Service Co., Ltd.	NA	The evaporation mask was wet-etched to create openings for patterned deposition of aluminum. The size of the mask is 100 mm x 100 mm x 0.2 mm-thick.