

Electronic Supplementary Information

Development of electrical conductivity based photosensitive switching devices using metal complexes with Schiff base ligands

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Table S1 List of abbreviations

ITO	Indium tin oxide
MOF	Metal organic framework
3-bpd	1,4-bis(3-pyridyl)-2,3-diaza-1,3-butadiene
2D	Two dimensional
4-bpd	1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene
1D	One dimensional
Pymox	3-[(4,6-Dimethyl-pyrimidine-2-yl)-hydrazono]-butan-2-one oxime
bdc	1,4-benzene dicarboxylate
aiz	(E)-N'-(thiophen-2-ylmethylene)isonicotinohydrazide
IPA	Isophthalic acid
ppmh	N-Pyridin-2-yl-N'-pyridin-4-ylmethylene-hydrazine
fum	Fumarate
BDC	1,4-benzenedicarboxylate
QPR	7-[(pyridin-4-ylmethylene)-amino]-chromen-2-one
HSIZ	(E)-N'-(thiophen-2-ylmethylene)isonicotinohydrazide
DMF	N,N-dimethylformamide