

Supporting Information Table S1. Concentration effects of I₂, KI, and 4-*tert*-butylpyridine (4-*t*BuPy) on open-circuit photovoltage (V_{oc}) and short-circuit photo-current (I_{sc})

Entry	KI ^{a)}	I ₂ ^{a)}	4- <i>t</i> BuPy ^{a,b)}	I _{sc} ^{c)}	V _{oc} ^{d)}
1	0.10	0.05	1.0	1.09	610
2	0.20	0.05	1.0	0.94	600
3	0.35	0.05	1.0	2.48	610
4	0.40	0.05	1.0	2.91	640
5	0.42	0.05	1.0	2.62	600
6	0.40	0.02	1.0	1.99	640
7	0.40	0.05	1.0	2.91	640
8	0.40	0.08	1.0	2.43	630
9	0.40	0.10	1.0	2.15	590
10	0.40	0.05	0.0	1.98	425
11	0.40	0.05	0.5	2.41	540
12	0.40	0.05	1.5	1.19	580

a) mol dm⁻³. b) 4-tertiary butylpyridine

c) mA cm⁻² (AM 1.5 100mW cm⁻²). d) mV.