

Supporting Information of

**Photo-stability study of a solution-processed small molecule solar cell system: correlation between molecular conformation and degradation**

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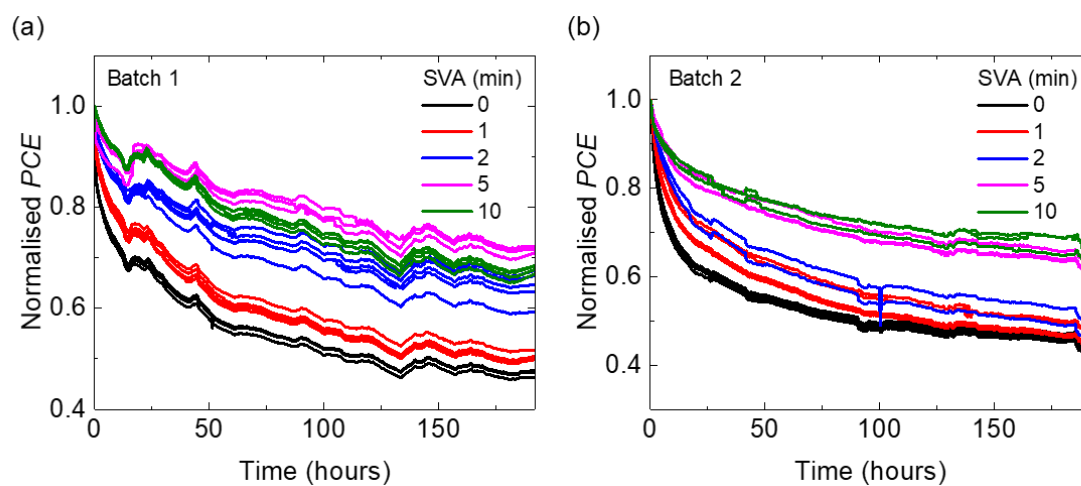


Fig. S1 Normalised *PCE* of devices in (a) batch 1 and (b) batch 2. Lines in the same colour are different cells within a sample.

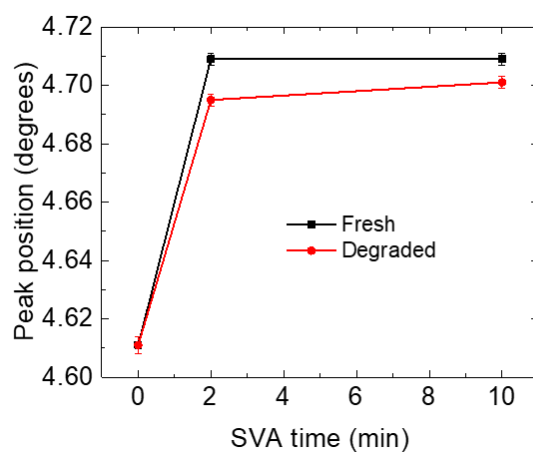


Fig. S2 GI-XRD peak positions of the BTR:PC<sub>71</sub>BM films with different SVA treatment times.

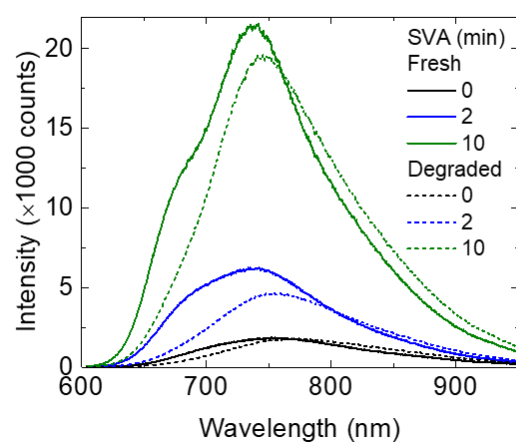


Fig. S3 PL spectra of BTR:PC<sub>71</sub>BM films with increasing SVA time, before and after photo-aging.