**Morphology dependent Ullmann C-O arylation using   
Cu2O nanocrystals**

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SUPPLEMENTARY INFORMATION



**Figure S1.** The particle diameter (Ø) histograms the (A) cubic, (B) octahedral, (C) rhombic dodecahedral, (D) truncated cubic and (E) fluffy spherical structures.



Figure S2. The Tauc plot of the Cu-oxide nanocrystals used to determine the apparent band gap energy, *E*g'. of cubic, TC, octahedral, Oct,rhombic dodecahedral, RD, truncated cubic, TC, and fluffy spherical, FS, structures.



Figure S3.XPS Wide scan of the truncated cube Cu-oxidenanocrystal.

**Graphical Abstract:**

