

A novel preparation of nano-Cu/ZnO by photo-reduction of $\text{Cu}(\text{OCH}(\text{Me})\text{CH}_2\text{NMe}_2)_2$ on ZnO at room temperature

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Room-temperature preparation of nano-Cu on ZnO by UV light induced photo-reduction of $\text{Cu}(\text{OCH}(\text{Me})\text{CH}_2\text{NMe}_2)_2$ precursor was achieved, indicating a novel method of nano-Cu/ZnO synthesis from an organometallic copper precursor in non-aqueous media without further chemical reduction.