Green synthesis of Au nanoparticles using aqueous extract of *Stachys Lavandulifolia* and their catalytic performance for alkyne/aldehyde/amine A³ coupling reactions

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**Fig. 1S.** Effect of time and extract concentrations on synthesis gold nanoparticles.
Fig. 2S. FT-IR spectra of extract of *Stachys Lavandulifolia* (a) and green synthesized Au NPs (b).
Fig. 3S. SEM image of Au/S. lavandulifolia NPs.
$^1$H NMR
$^{13}$C NMR
\(^1\)H NMR
$^{13}$C NMR