

## A Green and Efficient Protocol for the Synthesis of Novel Pyrazolo[3,4-*b*]quinolines via a One-pot, Three-component Reaction Under Solvent-free Conditions

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Novel pyrazolo[3,4-*b*]quinoline derivatives are synthesized via a one-pot, three-component reaction involving 3-methyl-5-pyrazolone, aromatic aldehydes and 1-naphthylamine catalyzed by nano silica-supported Preyssler heteropolyacid,  $H_{14}[NaP_5W_{30}O_{110}]/SiO_2$  under solvent-free conditions at 70 °C. Pure desired compounds are obtained in high to excellent yields over short reaction times with an easy work-up procedure.

