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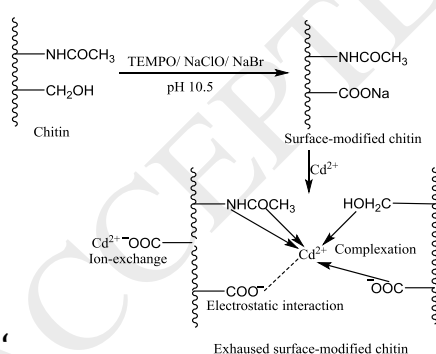
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Graphical abstract



Abstract: To introduce carboxyl groups on the surface of chitin and improve the adsorption performance of Cd(II) from aqueous solution, chitin was modified by 2, 2, 6, 6-tetramethylpiperidine-1-oxyl radical

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