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(57) Abstract :

4-Nitroazoles have a wide range of industrial, agricultural and pharmaceutical applications. They also possess biological activities like anticancer, antibacterial, radiosensitizer, antitubercular etc. This invention describes an efficient, greener and solvent free method for the synthesis of 2-(3,5-dimethyl-4-nitro-1H-pyrazol-1-yl)-1-arylethanone derivatives.

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