

**An Efficient Synthesis of Pyrazolyl-2-azadiene Derivatives via Chemoselective
Microwave-assisted Vilsmeier Amidination**

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A chemoselective microwave-assisted Vilsmeier amidination was evaluated to synthesize pyrazolyl-2-azadiene products by reacting pyrazol-5-amines with various amide solvents in the presence of POCl₃ coupling agent. The chemoselective Vilsmeier amidination seemed determinate to the substituted effect of amide solvents or the extra addition of pyridine basic agent.