

Short Note

## ***N*-[(9-Ethyl-9*H*-carbazol-3-yl)methylene]-3,4-dimethylisoxazol-5-amine**

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**Abstract:** The title compound, *N*-[(9-ethyl-9*H*-carbazol-3-yl)methylene]-3,4-dimethylisoxazol-5-amine has been synthesized by reaction of 9-ethyl-9*H*-carbazole-3-carbaldehyde with 5-amino-3,4-dimethylisoxazole in the presence of acetic acid in ethanol. The structure of this new compound was confirmed by elemental analysis, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR and EI-MS spectral analysis.

**Keywords:** carbazole; Schiff base; isooxazole

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