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# Synthesis, Anti-Oxidant and Analgesic Activity of N-(1-(4-Hydroxy-3-Methoxybenzyl Carbamoyl)-2-Phenylvinyl) Benzamide Derivatives

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**Abstract** : series of novel N-acylvanillamide derivatives were synthesized by the reaction of substituted 4-benzylidene-2-phenyl oxazol-5-one (2a-2j) with vanillamine HCl in the presence of acetone and alkali. The compounds were characterized using IR, <sup>1</sup>H NMR & Mass analysis. All the synthesized N-(1-(4-hydroxy-3-methoxybenzyl carbamoyl)-2-phenylvinyl) benzamide derivatives (3a-3j) were screened for their antioxidant and analgesic activity by known experimental models.

**Key words** : Vanilloid receptors, N- acylvanillamides, Azlactones, Antioxidant activity, Analgesic activity.

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