



## Water-Mediated Green Economical Synthesis of Biscoumarins And Their Cell Cytotoxic Activity

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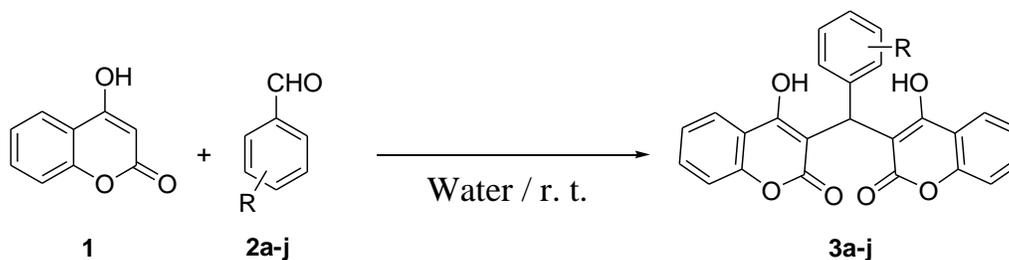
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### ABSTRACT

Water-mediated efficient and economical green protocol for the synthesis of Biscoumarin derivatives in excellent yields at room temperature and their cell cytotoxic activity investigated. These water-mediated reactions of 4-hydroxycoumarin with substituted aldehydes avoids the use of any catalysts, toxic solvents, heating and provides several advantages such as simple, economical, eco-friendly and practically scalable green synthesis.

### Graphical Abstract



**Keywords:** Water-mediated, Catalyst-free, Green Chemistry, Biscoumarins, 4-Hydroxycoumarin, Aldehydes, Cell Cytotoxic Activity.