

## Synthesis of bisindolymethanes and their cytotoxicity properties.

### ABSTRACT

Polymer supported dichlorophosphate (PEG-OPOCl<sub>2</sub>) is an efficient green catalyst for the electrophilic substitution reaction of indole with aromatic aldehydes, in neat condition, to afford an excellent yield of bis(indolyl) methanes with short reaction time, at room temperature. The synthesized compounds and their anti-cancer activity are evaluated.

**Keyword:** Cytotoxicity properties; Bisindolymethanes; Dibisindolymethanes; Green catalyst.