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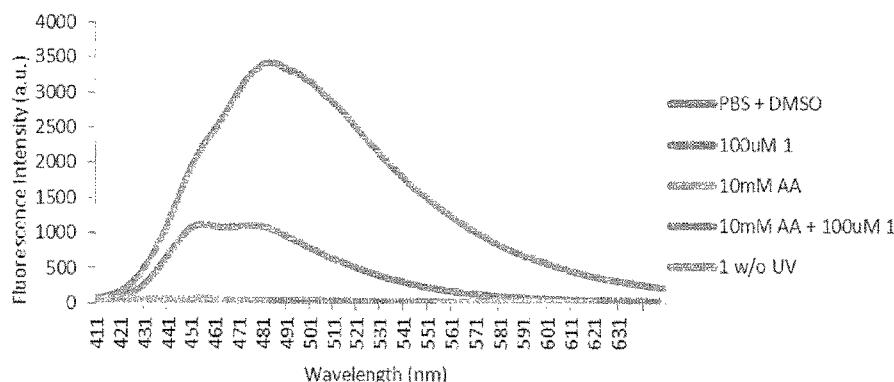
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(54) Title: DETECTION OF ACRYLIC ACID

[Fig. 1a]



(57) Abstract: There is provided a method for detecting the presence or absence of acrylic acid or its derivatives thereof in a sample, the method comprising the steps of: (a) introducing a probe comprising a diaryltetrazole compound to the sample; (b) exposing said sample to light; and (c) detecting the presence or absence of acrylic acid or its derivatives thereof in the sample based on fluorescence emitted by the sample after step (c).