

**DR-10. DETECTION OF NITROAROMATIC EXPLOSIVES
BY 2-AMINO-3-ETHOXYCARBONYL-6-(1-METHYLINDOL-3-YL)-5-
(4-CHLOROPHENYL)-PYRAZINE AND ITS DERIVATIVES**

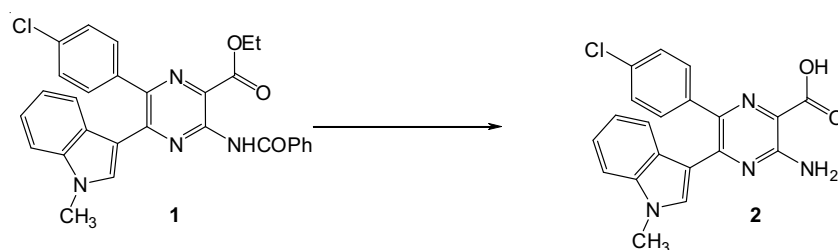
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Indolyl derivatives of aminopyrazine are widely distributed in nature as compounds involved in the processes of bioluminescence. Their structure is part of luciferin – one of the most famous bioluminescent systems. We have previously synthesized isosteric analogues of etioluciferin cypridine. In this article we wish to report our studies on using 2-amino-3-ethoxycarbonyl-6-(1-methylindol-3-yl)-5-(4-chlorophenyl)-pyrazines for the detection of nitroaromatic compounds.



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