

Figure 1. The effect of the concentration of the solution on the rate of the reaction. The reaction was carried out at 25°C in a 0.1 M NaOH solution. The concentration of the solution was varied from 0.01 to 0.1 M. The rate of the reaction was measured by the change in the absorbance of the solution at 410 nm. The data were fitted with a linear regression line. The slope of the line was 0.012 min⁻¹ M⁻¹. The rate of the reaction was 0.0012 min⁻¹ at 0.1 M.

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