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### Synthesis and Antimicrobial Activity of some Disperse Dyes derived from Pyridones

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**Abstract :** Pyridone derivatives **4a,b** are prepared by reacting *N*-alkyl-2-cyanoacetamide **1a,b** with methyl propionylacetate. Compounds **4a,b** are coupled with aromatic diazonium salts to produce the corresponding new azo disperse dyes **6a,b**. The antimicrobial activity of the synthesized azo disperse dyes are evaluated.

**Keywords :** pyridones; azo dyes; disperse dyes; antimicrobial activity.

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