


# Estimation of the basicity of the donor strength of terminal groups in cationic polymethine dyes

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## Highlights

- Basicity of donor strength of terminal groups in cationic polymethine dyes have been investigated.
- The various approach of quantum-chemical estimation of basicity are proposed.
- The influence of chemical constitution of terminal groups on basicity is considered.
- The special terminal groups generating the local levels are examined in detail.