

CHROMOPHORE

Meaning: A chromophore is a part of a molecule responsible for its color by absorbing certain wavelengths of light.

1. The chromophore in the dye absorbs specific wavelengths of light, giving it its vibrant color.
2. Researchers discovered a new chromophore that enhances the efficiency of solar cells.
3. Understanding the structure of a chromophore is crucial for designing effective fluorescent markers.
4. The interaction between the chromophore and surrounding molecules can significantly alter its optical properties.
5. In chemistry, a chromophore is often responsible for the color observed in organic compounds.

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