

CLEAVABLE

Meaning: CLEAVABLE: capable of being split or separated, particularly in reference to chemical bonds or molecular structures.

1. The scientist discovered a cleavable bond in the molecular structure of the compound.
2. Certain proteins are designed to be cleavable, allowing for regulated activity in biological systems.
3. The cleavable linker in the drug delivery system enhances the therapeutic effect by releasing medication at targeted sites.
4. In the laboratory, they used a cleavable fluorescent tag to monitor protein interactions in real time.
5. Understanding which bonds are cleavable is crucial for developing effective chemical reactions in organic synthesis.

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