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摘要: We have studied the absorption spectral of L- and DL-fudosteine using terahertz time-domain spectroscopy (THz-TDS) at room temperature. The results show that both of them have unique absorption fingerprint peaks in terahertz range and can be identified by these peaks. The absorption spectrum of the fudosteine capsule has also been studied. Its absorption spectrum is similar to that of L-fudosteine. Thus, it proves that the main component of fudosteine capsule is L-fudosteine. The study indicates that THz-TDS technology is a new method to identify and analyze main components of material.
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