

Electronics



Transistors: Ag₂S quantum dots can be used as semiconductor materials to improve electronic conductivity in transistors

Structure Study

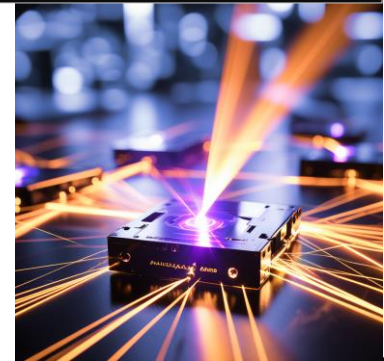


Ag₂S quantum dots can be used to study the crystal structure and properties of materials at the quantum level.

Optotechnics and Photonics

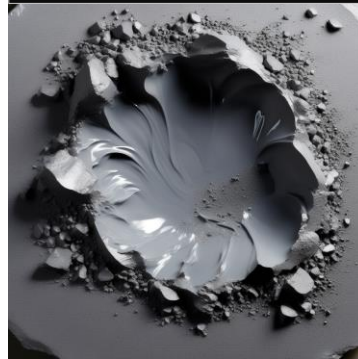


Light Guides: Suitable for use in light guides for optical signal transmission



The ability to create lasers using Ag₂S quantum dots provides new prospects for optical technologies.

Silver sulfide



Ecology



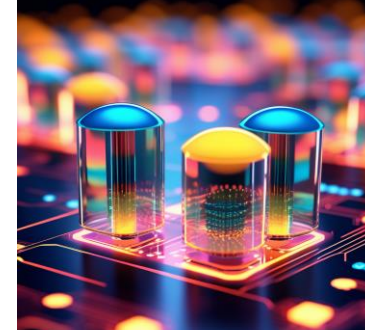
Application in sensors for detecting various contaminants in air, water or soil.

Laboratory work



Application of Ag₂S quantum dots in scientific research to create new materials and technologies.

Quantum Computing



Possible use in quantum computing for quantum-level information processing.

Energy



Can be integrated into solar cells to improve their efficiency in converting solar energy into electricity.