



ZnSe Quantum Dots in Hexane

PRODUCT DATA SHEET

ZnSe Quantum Dots in Hexane

Description

ZnSe Quantum Dots in Hexane is a direct wide bandgap semiconductor fluorescent nanomaterial prepared with zinc selenide as the core material. Its surface is modified with hydrophobic ligands to achieve good water dispersibility. Its luminescence performance is affected by the reaction temperature, and higher temperatures are beneficial for enhancing fluorescence intensity. This product has a narrow emission peak, high fluorescence quantum yield, and excellent photostability, with an emission spectrum covering the blue light region. ZnSe Quantum Dots in Hexane are suitable for multiple application scenarios such as LED solid-state lighting, solar cells, biomarkers, and environmental monitoring.

Abvigen Inc can provide high-quality ZnSe Quantum Dots in Hexane with multiple emission wavelengths. This product has uniform particle size and good fluorescence performance, it can meet the personalized material needs of various customers in research and development, testing, production, and consumption.

For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com **Phone:** +1 929-202-3014 **Email:** info@abvigenus.com

Characteristics

Size: 10 mg

Shape: Spherical

Composition: ZnSe Quantum Dots in Hexane

Emission: 400 nm-450 nm

Buffer: Hexane

Form: Suspension

Store: Storage at 2 - 8 °C

Storage

This product should be stored at 4°C. **DO NOT FREEZE.**

**Advantage**

Uniform particle size

Low biological toxicity

Good fluorescence stability

Applications

Bioimaging

Cell marker

Fluorescent sensor

LED lighting

Solar cell

Ordering Information

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