ZnSe Quantum Dots in Water
PRODUCT DATA SHEET

ZnSe Quantum Dots in Water

Description

ZnSe Quantum Dots in Water is a direct wide bandgap semiconductor fluorescent nanomaterial prepared with zinc selenide as the core material. Its surface is modified with hydrophilic ligands to achieve good water dispersibility. 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 Water is suitable for biomedical fields such as biological imaging and cell labeling, as well as multiple application scenarios such as blue light components of quantum dot light-emitting diodes and environmental monitoring.

Abvigen Inc can can provide high-quality ZnSe Quantum Dots in Water with multiple emission wavelengths. This product has uniform particle size and good fluorescence performance, which 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 Water

Emission: 400 nm-450 nm

Buffer: DI Water

Form: Suspension

Store: Storage at 2 - 8 °C

Storage

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

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Advantage

Uniform particle size

Low biological toxicity

Good fluorescence stability

Applications

Bioimaging

Cell marker

Fluorescent sensor

LED lighting

Ordering Information

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