



CdSe Quantum Dots-GSH PRODUCT DATA SHEET

CdSe Quantum Dots-GSH

Description

CdSe Quantum Dots-GSH is a material that undergoes surface modification by introducing glutathione (GSH) onto the surface of CdSe quantum dots. The thiol groups in GSH coordinate with the cadmium ions on the quantum dots, enhancing the material stability, photostability, and biocompatibility. This modification results in quantum dots with excellent optical properties, including a narrow emission peak, high quantum yield, and low biological toxicity. As a result, CdSe Quantum Dots-GSH is highly suitable for applications in biological labeling, medical imaging, and biological detection. It is a material widely used in biomedical research and nanotechnology fields.

Abvigen Inc can provide high-quality CdSe Quantum Dots-GSH. The product has uniform particle size and stable fluorescence intensity, which can meet the personalized material needs of various customers such as research and development, testing, and production 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

Surface: GSH

Composition: CdSe Quantum Dots

Emission: 520 nm-640 nm

Store: Storage at 2 - 8 °C

Storage

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

Advantage

Uniform particle size

Stable fluorescence performance

Low biological toxicity



Good water solubility

Good chemical stability

Applications

Biomedical imaging

Drug delivery system

Biomarkers

Fluorescence sensor

Cell imaging

Environmental testing

Ordering Information

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