



## **CdSe Quantum Dots-NAC**

### **PRODUCT DATA SHEET**

## **CdSe Quantum Dots-NAC**

### **Description**

CdSe Quantum Dots NAC is a functional quantum dot material with excellent biocompatibility and antioxidant properties. N-acetylcysteine (NAC) has excellent antioxidant properties and can form coordination bonds with the surface of CdSe Quantum Dots through sulfur groups, effectively preventing oxidation and degradation of CdSe Quantum Dots. By modifying the surface of CdSe Quantum Dots with NAC molecules, the water solubility of quantum dots can be significantly improved, enhancing their biocompatibility and surface stability, and improving their stability in biological environments. CdSe Quantum Dots NAC has low cytotoxicity and is suitable for biomedical imaging applications such as cell labeling, in vivo imaging, and tumor diagnosis.

Abvigen Inc can provide high-quality CdSe Quantum Dots-NAC. The product has uniform particle size and stable fluorescence intensity. It 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](http://www.abvigen.com) **Phone:** +1 929-202-3014 **Email:** [info@abvigenus.com](mailto:info@abvigenus.com)

### **Characteristics**

Size: 10 mg

Surface: NAC

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

Low biological toxicity

Good chemical stability

Good fluorescence performance

### **Applications**

Ion detection

Cell imaging

Biomarkers

Biosensor materials

### **Ordering Information**

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