

Water Soluble CdTe Quantum Dots

Description

Biotyscience's Fluorescent Quantum Dots have unique advantages such as high fluorescence quantum yield, adjustable fluorescence emission spectrum, good biocompatibility and stable optical properties, and have narrow and symmetrical emission bands. The chemical and optical stability are improved through a special semiconductor coating layer.

Fluorescent Quantum Dots can obtain functional groups covering carboxyl and amino groups through surface modification, and facilitate coupling with nucleic acids, proteins and other biological macromolecules through the action of cross-linking agents. It can also be used as biological and chemical probes for cell positioning and imaging, chemical detection and other basic research and clinical diagnosis.

Beijing Biotyscience Co. Ltd provides high-quality water-soluble CdTe quantum dot product. We can customize products of any wavelength from 540 nm to 640 nm for customers.

Product Information

Type	CdTe Quantum Dots
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Format	Liquid
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北京百欧泰生物科技有限公司

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Emission Peak	540-640 nm
Buffer	DI Water
Size	10 mg
Storage	Dark and dry place at 4 °C. Do not freeze.

Advantage

Uniform particle size

Broad absorption spectrum

Narrow and symmetric emission spectrum

High and stable fluorescence intensity

Application

Light-emitting crystals

Thin-film light-excited devices

Labeling of animal tissues, cells, and biomolecules

Storage

Store product away from direct sunlight at 2-8°C.

Do NOT freeze.

Contact Us

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