



PRODUCT DATA SHEET

Carbon Quantum Dots in Hexane

Quantum dots (QDs) are fluorescent semiconductor nanocrystals. Abvigen offers a complete line of core/shell Quantum dots products in solid form, in organic solvents or aqueous solution. Abvigen's Quantum dots can be used in photovoltaics, light emitting diodes (LEDs), telecommunication and diode lasers. They can also be used in sensing, drug delivery, cell imaging, labeling of biomolecules, as well as other applications in life sciences and biotechnology.

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

Cat No	Product Name	Price
ABW-21-380	Carbon Quantum Dots in Hexane, 380 nm $\pm$ 10 nm	Inquiry
ABW-21-400	Carbon Quantum Dots in Hexane, 400 nm $\pm$ 10 nm	Inquiry
ABW-21-420	Carbon Quantum Dots in Hexane, 420 nm $\pm$ 10 nm	Inquiry
ABW-21-440	Carbon Quantum Dots in Hexane, 440 nm $\pm$ 10 nm	Inquiry

Characteristics

Concentration: 5 mg/ml; 10 mg/ml

Size: 10 mg

Emission range: 380 nm-440 nm

Buffer: Hexane

Form: Suspension

Shipping Condition: Ambient Temperature

Storage: 4°C

Properties

Size tunable emission wavelength

Superior brightness

High resistance to photobleaching



Simultaneous excitation of multiple colors from a single light source

These properties make Quantum dots a unique class of light emitting nanoparticles that find promising potentials in optoelectronics, biotechnology and medicines

Features

Narrow emission peak

Wide choice of emission colors

High colloidal stability

Applications

Display

Solid-state lighting

Solar cells

QLED

Ordering Information

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