Cuprous Oxide Nanoparticles, 600 nm

Cat No: ABCN-600

Description

Cu_2O with octahedral structure has multi-enzyme activities (peroxide-like, oxide-like and superoxide dismutase activities); The surface is smooth and has a crystal structure, which makes it show unique characteristics in physical and chemical properties; Semiconductor properties, relatively small band gap, good absorption capacity in the visible range; Good electrochemical activity, suitable for signal probe field in electrochemical sensing; Good catalytic performance, used in a variety of REDOX reactions; Multi-enzyme simulated activity is suitable for in vitro diagnosis of various diseases. Cu_2O can be widely used in photocatalysis, biosensing, biomedicine, energy storage and environmental treatment.

Abvigen can provide high quality cuprous oxide (Cu_2O) nanoparticles. The product has high repeatability between batches, which can meet the needs of different personalized materials such as research and development, testing and production of various customers.

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

Type: Cuprous Oxide Nanoparticles

Component: Cu_2O

Character: Brown red powder

Particle size: 600 nm

Size: 50 mg

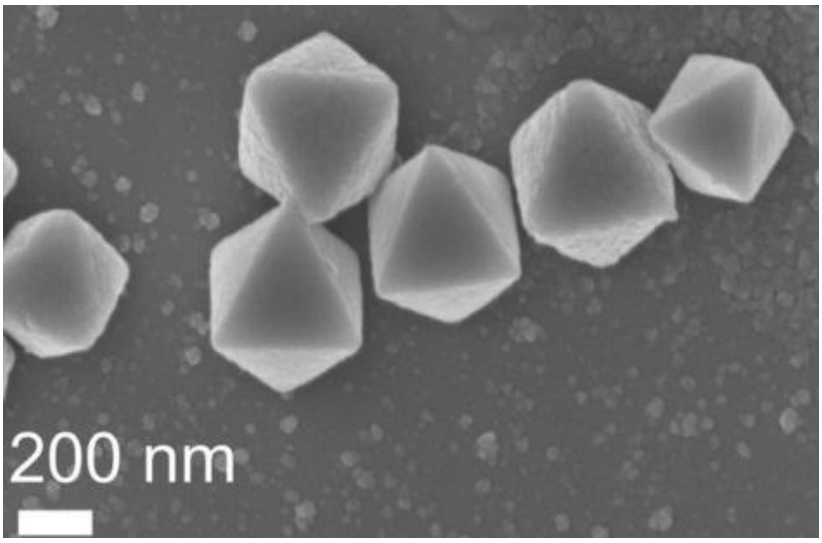
Storage condition: Sealed storage

Shelf life: 6 months

Package: Glass bottle

1378 US-206 Ste 6-126, Skillman, NJ USA
Email: info@abvigenus.com
Tel: 1-816-388- 0112 Fax: 1- 888-616-0161

TEM of Cuprous Oxide Nanoparticles



Advantages

Safety, environmental protection and pollution-free

The monodispersity is good

Good stability

The electrochemical activity is good

Good catalytic performance

Applications

Photocatalysis

Biosensing

Biomedical science

Energy storage

Environmental governance

Storage

Sealed stored for 6 months.

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Ordering Information

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