Gold Nanobipyramids-6AH
PRODUCT DATA SHEET

Gold Nanobipyramids-6AH

Description

Gold Nanobipyramids-6AH is a functionalized gold nanomaterial, in which 6-Amino-1-hexanethiol hydrochloride (6AH) forms stable gold sulfur bonds with the gold surface through thiol groups, modifying compounds with amino and thiol groups onto the surface of Gold Nanobipyramids. This material has excellent optical properties and surface enhancement effects, and is widely used in fields such as sensors, biomarkers, catalytic reactions, and drug delivery. The surface modification of 6AH not only improves the stability and catalytic performance of Gold Nanobipyramids, but also enhances their affinity with biomolecules or chemicals, making them more suitable for environmental monitoring, biomedical and nanotechnology applications.

Abvigen Inc is able to provide high quality Gold Nanobipyramids-6AH. This product is available in a wide range of capping agents. Each batch has good monodispersity, uniform size, and can meet the needs of various customers in research and development, testing, production, and 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

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

Characteristics

Size: 2.5 mg or others

Surface: 6-Amino-1-hexanethiol hydrochloride

SPR: 700 nm - 980 nm

Shape: Bipyramid

Composition: Gold Nanobipyramids

Density: 19.32 g/ccm

Store: Storage at 2 - 8 °C

Storage

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

Advantage

Good biocompatibility

Good chemical stability

Good catalytic performance

Uniform particle size

Better electric field enhancement effect

Applications

Biomarkers

Biological imaging

Surface enhanced Raman substrate

Biosensors

Dark field optical imaging

Drug delivery carrier

Ordering Information

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