



Gold Nanobipyramids-TA PRODUCT DATA SHEET

Gold Nanobipyramids-TA

Description

Gold Nanobipyramid TA is obtained by surface modification of gold nanobipyramid with tannic acid (TA). Tannic acid modified Gold Nanobipyramids have significant advantages, including improved interfacial affinity and material properties, enhanced antibacterial performance of Gold Nanobipyramids, and good pH responsive controlled release ability. By utilizing the self polymerization properties of tannic acid, the optical and electrical properties of Gold Nanobipyramids can be effectively improved, optimizing their shape and size, thereby enhancing their potential applications in biological imaging, catalytic reactions, and drug delivery.

Abvigen Inc is able to provide high quality Gold Nanobipyramids-TA. 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

Characteristics

Concentration: 0.05 mg/ml

Size: 5 ml or others

Surface: Tannic Acid

Shape: Bipyramid

Composition: Gold Nanobipyramids

Density: 19.32 g/ccm

Buffer: DI Water

Store: Storage at 2 - 8 °C

Storage

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

**Advantage**

Uniform particle size

High electromagnetic enhancement capability

Good chemical stability

Good dispersibility

Applications

Biological immune testing

Protein labeling

Dark field optical imaging

Fluorescence enhancement

Surface enhanced Raman substrate

Drug carrier

Ordering Information

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