

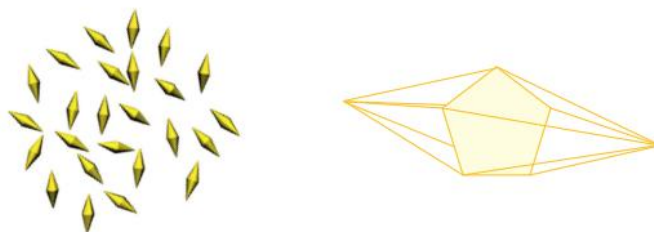


Gold Nanobipyramids-BARE PRODUCT DATA SHEET

Gold Nanobipyramids-BARE

Description

Gold Nanobipyramid-BARE refers to Gold Nanobipyramid without surface modification. Gold Nanobipyramids are gold nanoparticles with a biconical shape with two tips and an intermediate part connecting them. Gold Nanobipyramids have exact sizes, highly monodisperse sizes and shapes, long shelf lives, high surface reactivity, along with high electromagnetic enhancements for SERS and other Raman. Gold nanobipyramids have attracted much attention due to their homogeneity, thermal stability, and superior equipartition excitation resonance properties. Gold Nanobipyramids utilize non-covalently capped with CTAB, citrate, and many other adsorbed polymers. These capping agents are readily replaced with covalent and charge chemistries. The capping agent controls the shape and size of Gold Nanobipyramids by selectively binding to specific faces on the nanobipyramids, effectively redefining the anisotropy of the surface energy and consequently modifying the subsequent adsorption process, protecting them from the external environment.



Abvigen Inc is able to provide high quality Gold Nanobipyramids, Gold Nanobipyramids-BARE products are available in a wide range of capping agents. Each batch has good monodispersity, uniform size, and can meet the needs of various customers in R&D, testing, and production and consumption of different individual

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: Plain

Shape: Bipyrarnid

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

Website: www.abvigen.com

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Email: info@abvigenus.com