



Gold Nanobipyramids-6MA

PRODUCT DATA SHEET

Gold Nanobipyramids-6MA

Description

Gold Nanobipyramids-6MA is a composite material formed by attaching 6MA (6-Mercaptohexanoic acid) to the surface of gold nanocones. This modification can improve the stability and dispersibility of Gold Nanobipyramids, and endowing them with excellent catalytic performance, enhanced optical properties, and good biocompatibility. The Gold Nanobipyramids structure provides more active sites, enhances its efficiency in catalytic reactions, and is prominent in optical applications such as surface enhanced Raman scattering (SERS). Gold Nanobipyramids-6MA have extensive application potential in the field of biomedicine, especially in drug delivery and biosensors.

Abvigen Inc is able to provide high quality Gold Nanobipyramids-6MA. 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

Size: 2.5 mg or others

Surface: 12-Mercaptododecanoic acid NHS ester

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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