Gold Nanobipyramids-16MHA
PRODUCT DATA SHEET

Gold Nanobipyramids-16MHA

Description

The Gold Nanobipyramids modified by 16 Mercaptohexadecanoic acid (16 MHA) is a functional nano material. This material combines the unique geometric morphology of Gold Nanobipyramids with the functional surface modification advantages of 16 MHA. Gold Nanobipyramids have excellent optical properties and good surface enhancement effects, making them suitable for fields such as surface enhanced Raman spectroscopy (SERS). 16-MHA forms a self-assembled monolayer with thiol groups on the surface of gold, which can improve the stability, dispersibility, and biocompatibility of Gold Nanobipyramids. Gold Nanobipyramids-16MHA has a wide range of applications in biosensing, drug delivery, environmental monitoring, and catalysis, demonstrating excellent performance and potential. Abvigen Inc is able to provide high quality Gold Nanobipyramids-16MHA. 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: 16-Mercaptohexadecanoic acid

SPR: 700 nm - 980 nm

Shape: Bipyramid

Composition: Gold Nanobipyramids

Density: 19.32 g/ccm

Store: Storage at 2 - 8 °C

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

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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