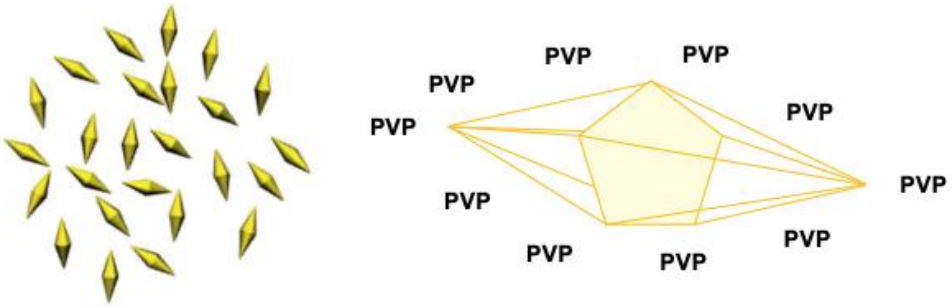
Gold Nanobipyramids-PVP
PRODUCT DATA SHEET

Gold Nanobipyramids-PVP

Description

Gold Nanobipyramids-PVP is a type of nanomaterial obtained by functionalizing the surface of Gold Nanobipyramids with PVP (Polyvinylpyridine). As a commonly used polymer, PVP can effectively modify Gold Nanobipyramids, improve their dispersibility and stability, while endowing them with good optical and biocompatibility. The modified Gold Nanobipyramids exhibit excellent surface plasmon resonance effects and are widely used in fields such as optical imaging, biological labeling, and drug delivery. The good physiological compatibility of PVP enables it to reduce rejection reactions in the biomedical field, making it suitable for biomedical applications such as drug carriers, tissue engineering scaffolds. In addition, PVP enhances the mechanical properties of Gold Nanobipyramids, improves surface adsorption performance and chemical stability, and is suitable for catalyst carriers and other applications, demonstrating good application potential in multiple fields.



Abvigen Inc can able to provide high quality Gold Nanobipyramids-PVP. 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

Concentration: 0.05 mg/ml

Size: 5 ml or others

Surface: PVP

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

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