

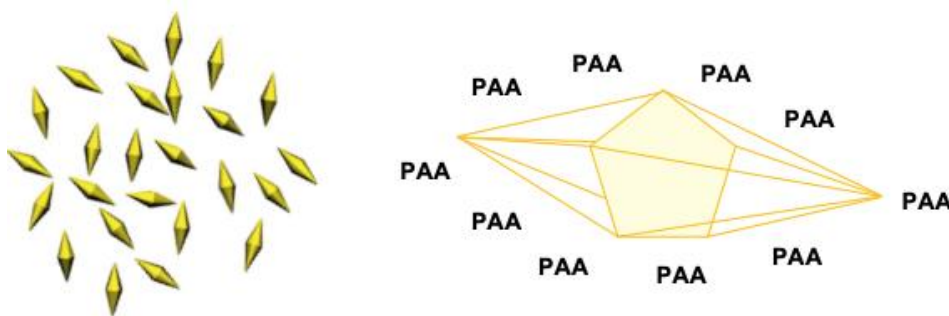


## Gold Nanobipyramids-PAA PRODUCT DATA SHEET

### Gold Nanobipyramids-PAA

#### Description

Gold Nanobipyramids PAA is a nano material obtained by functionalizing the surface of Gold Nanobipyramids with PAA (Polyacrylic acid). As a surfactant, PAA can prevent particles from agglomeration, enhance solubility in aqueous solution, and facilitate the application in organisms. This modification can significantly improve the dispersion stability, biocompatibility, and solubility of Gold Nanobipyramids. In addition, the carboxyl functional groups on PAA molecules provide the possibility for further functional modification of materials, which makes them have potential application value in drug delivery, bioimaging and other fields. Due to its unique shape and optical properties, gold nanocones can also be used for applications such as catalysis and surface enhanced Raman scattering. With the modification of PAA, Gold Nanobipyramids can achieve better performance and have a wider range of application scenarios.



Abvigen Inc can able to provide high quality Gold Nanobipyramids-PAA. 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](http://www.abvigen.com) Phone: +1 929-202-3014 Email: [info@abvigenus.com](mailto:info@abvigenus.com)



### **Characteristics**

Concentration: 0.05 mg/ml

Size: 5 ml or others

Surface: PAA

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](http://www.abvigen.com)

Phone: +1 929-202-3014

Email: [info@abvigenus.com](mailto:info@abvigenus.com)