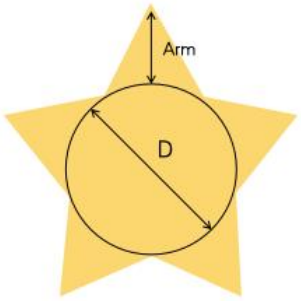
Gold Nanostars-PAA
PRODUCT DATA SHEET

Gold Nanostars-PAA

Description

Polyacrylic acid (PAA) can effectively improve dispersion, stability and biocompatibility of Gold Nanostars. Gold Nanostars are widely used in fields such as biological imaging, drug delivery, and sensors due to their unique optical properties and excellent biocompatibility. By modifying with PAH, the performance of Gold Nanostars can be significantly improved. PAH, as a polymer with good biocompatibility, helps to reduce the toxicity of Gold Nanostars and improve their biosafety. PAA can effectively serve as a drug carrier to enhance the delivery efficiency of drugs in target cells and improve the drug treatment effect. Gold Nanostars PAA can enhance its signal strength and resolution in biological imaging and improve imaging performance. The modification of PAA can also improve the sensitivity and selectivity of Gold Nanostars in sensors, expand its application scope in the sensing field, and further expand its application potential in medical and environmental monitoring fields.



Abvigen Inc can provide high-quality Gold Nanostars-PAA in multiple specifications, with uniform particle size, good dispersion, and high inter batch repeatability. It can meet the personalized material needs of various customers for 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

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Email: info@abvigenus.com
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Characteristics

Optical density: 1 OD

Size: 5 ml

SPR: 650 nm-1064 nm

Surface: Polyacrylic acid

Shape: Star shape

Composition: Gold Nanostars

Buffer: DI Water

Form: Suspension

Store: Storage at 2 - 8 °C

Shelf Life: 6 months

Storage

This product should be stored at 4°C. **DO NOT FREEZE**.

Advantage

Uniform particle size

High specific surface area

Easy to surface functionalize

Good dispersibility

Good chemical stability

Unique optical properties

Applications

Biosensor materials

Biological immune testing

Protein labeling

Dark field optical imaging

Fluorescence enhancement

Surface enhanced Raman substrate

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Ordering Information

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