



Porous PLGA Particles-NH₂ **PRODUCT DATA SHEET**

Porous PLGA Particles-NH₂

Description

Porous PLGA Particles-NH₂ is a biodegradable Particles copolymerized by polylactic acid and polyglycolic acid, which has a porous structure and is usually used in drug delivery, tissue engineering, vaccine delivery and other fields. The introduction of amino groups can improve the interaction between Particles and cells or tissues, and enhance their stability and biocompatibility in vivo. Amino groups can bind with drug molecules, especially those with negative charges, through electrostatic interactions. Their porous structure provides greater drug loading capacity and controllable drug release rate, effectively reducing product weight and improving material properties. Porous PLGA Particles-NH₂ can gradually degrade into harmless low molecular substances such as lactic acid and ethanol in vivo, avoiding possible side effects caused by long-term existence in vivo.

Abvigen Inc can provide high-quality Porous PLGA Particles-NH₂ in various particle sizes(50 nm-200 um). This product has uniform particle size and good dispersibility, and it can meet various personalized material needs such as customer research and development, testing, and production 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

Concentration: 10 mg/ml

Size: 10 ml

Surface: Amino

Shape: Spherical

Diameter: 50 nm - 200 um

Composition: Porous PLGA Particles

Standard deviation: CV<5%

Buffer: DI Water

Form: Suspension



Store: Storage at 2 - 8 °C

Storage

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

Advantage

Uniform particle size

High specific surface area

Porous structure

Biodegradable

Good biological affinity

Applications

Lightweight filling material

Drug sustained-release carrier

Cosmetic materials

Bracket material

Packaging

Ordering Information

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