Porous PLGA Particles-COOH
PRODUCT DATA SHEET

Porous PLGA Particles-COOH

Description

Porous PLGA Particles-COOH 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. Carboxyl modification helps to enhance the compatibility of Particles with organisms, and can regulate the degradation rate of Particles. Carboxyl groups can also bind to positively charged drug molecules through electrostatic interactions, increasing the drug's binding ability, or bind to targeted ligands to enhance therapeutic efficacy. Its porous structure provides greater drug loading capacity and controllable drug release rate, effectively reducing product weight and improving material performance. Porous PLGA Particles-COOH can gradually degrade into harmless low molecular weight substances such as lactic acid and ethanol in the body, avoiding potential side effects that may arise from long-term presence in the body.

Abvigen Inc can provide high-quality Porous PLGA Particles-COOH in various particle sizes. 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: Carboxyl

Shape: Spherical

Diameter: 50 nm - 200 um

Composition: Porous PLGA Particles

Standard deviation: CV<5%

Buffer: DI Water

Form: Suspension

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

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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