



C18 PS Magnetic Particles

PRODUCT DATA SHEET

C18 PS Magnetic Particles

Description

C18 PS Magnetic Particles is a material with special properties that uses PS Magnetic Particles as its core and is surface modified with C18. PS is a common plastic with good chemical stability and easy modification. By modifying the PS layer on the opposite surface, it can have specific functional groups, making it suitable for different application fields. Magnetic Particles endow materials with magnetism and can be manipulated under the influence of external magnetic fields. The material can serve as a tracer for magnetic resonance imaging to enhance imaging signals, and can also be used for targeted drug delivery as part of drug delivery systems, combined with other biomolecules for disease diagnosis and treatment.

Abvigen Inc can provide high-quality C18 PS Magnetic Particles of various particle sizes, with uniform particle size and excellent surface adsorption performance, which can meet the personalized material 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



Characteristics

Concentration: 50 mg/ml

Size: 10 ml

Surface: C18

Shape: Spherical

Composition: PS Magnetic Particles

Density: 1.1 g/ccm

Buffer: DI water

Store: Storage at 2 - 8 °C

Storage

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

For 50 mg/ml of C18 PS Magnetic Particles

Diameter	Conc. mg/ml	Particles/m g	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
1 um	50	1.74E+09	8.68E+10	6 um	50	8.04E+06	4.02E+08
2 um	50	2.17E+08	1.09E+10	7 um	50	5.06E+06	2.53E+08
3 um	50	6.43E+07	3.22E+09	8 um	50	3.39E+06	1.70E+08
4 um	50	2.71E+07	1.36E+09	9 um	50	2.38E+06	1.19E+08
5 um	50	1.39E+07	6.94E+08	10 um	50	1.74E+06	8.68E+07

Ordering Information

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