Fullerene-C70, 98%
PRODUCT DATA SHEET

Fullerene-C70, 98%

Description

Fullerenes are hollow molecules composed entirely of carbon in the shape of a sphere, ellipsoid, column, or tube. Fullerenes are poorly soluble in most solvents and are usually solubilized with aromatic solvents such as toluene, chlorobenzene, or non-aromatic solvents such as carbon disulfide. Pure fullerene solution is usually purple, the concentration is dark purple. Fullerenes are structurally similar to graphite, which consists of layers of graphene made of six-membered rings, whereas fullerenes contain not only six-membered rings but also five-membered rings, and occasionally seven-membered rings. According to the total number of carbon atoms, fullerenes can be divided into C_{20}, C_{60}, C_{70}, C_{76}, and C_{80}. Fullerenes are one of the most important carbon-containing nanomaterials in recent years because of their unique zero-dimensional structure. At the same time, fullerenes have special optical properties, conductance and chemical properties, so fullerenes and their derivatives have been widely used in electricity, light, magnetism, materials science and so on.

Abvigen offers high quality fullerene-C70, 98%. The product has high repeatability between batches, which can meet the needs of various customers for personalized materials such as research and development, testing and production.

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

Type: Fullerene-C70, 98%

Size: 0.1 g

Purity: 98%

Powder color: Shinning black

MP: > 280°C

Advantages

High stability

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Applications

Health products; pharmaceutical intermediates; drug delivery applications; energy efficiency; rubber and film modifier; useful electron acceptor; molecules in organic electronics; Because of its excellent characteristics of free radical capture, light absorption, superconducting semiconductor, perfect structure, DNA affinity, high efficiency adsorption, embedded molecular and other characteristics, composite materials; additives.

Ordering Information

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