

Silica Mag Beads COOH SC (300 nm)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage:

Store at 4°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description

TargetMol Silica Magnetic Beads are specifically designed for the extraction and purification of nucleic acids. The bead surface is composed of high-purity silica, enriched with silanol groups (hydroxyl) or carboxyl groups. Under high-salt and low-pH conditions, these beads achieve efficient and specific binding with nucleic acid molecules through hydrophobic interactions, hydrogen bonding, and electrostatic interactions. Simultaneously, they exhibit minimal adsorption of proteins and other impurities, enabling the rapid separation and purification of nucleic acids from complex biological samples. The product features a simple operation process and high safety, making it suitable for both manual operations and automated platforms, particularly for high-throughput nucleic acid extraction applications.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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