

## Silica Mag Beads OH Ultra (500 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 specially designed for nucleic acid extraction and purification. The bead surface is composed of high-purity silica material enriched with silanol groups (hydroxyl groups) or carboxyl groups, which enable efficient and specific binding to nucleic acid molecules through hydrophobic interactions, hydrogen bonding, and electrostatic interactions under high-salt and low-pH conditions, while exhibiting minimal adsorption to impurities such as proteins. This allows rapid separation and purification of nucleic acids from complex biological samples.

The product features a simple workflow and high operational safety, and is suitable for both manual operation 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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