

Mag Beads COOH (1  $\mu$ m)

## 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's Mag Beads COOH (1  $\mu$ m) are high-quality  $\text{Fe}_3\text{O}_4$  microspheres coated with carboxyl (-COOH) groups. These beads allow for rapid, efficient, sensitive, and specific covalent coupling of biomolecules—such as peptides, proteins, and oligonucleotides—to the microsphere surface under the action of specific chemical reagents like EDC. The resulting conjugates can be used in applications such as immunoprecipitation (IP), cell sorting, and DNA-protein interaction studies, making them valuable carrier tools in medical and molecular biology research.

The shell of TargetMol Mag Beads COOH (1  $\mu$ m) is functionalized with carboxyl groups to reduce bead aggregation and sedimentation. Carboxyl magnetic beads exhibit acidity and are typically activated with EDC in acidic buffer systems. This product line is a water-based suspension of carboxyl-coated, superparamagnetic  $\text{Fe}_3\text{O}_4$  microspheres. Manufactured using advanced technology, these beads combine magnetic cores with polymeric materials to form a novel class of functionalized magnetic microspheres.

**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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