Data Sheet (Cat.No.C0077)

TargetMol

Mag Beads NH2 (2 μm)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Appearance:

Storage: store at 4°C

Biological Description

Description	TargetMol Mag Beads NH2 (2 μm) use advanced polymer polymerisation technology to combine superparamagnetic materials with polymers to form a new type of functionalised magnetic microspheres with an average particle size of 2 μm. The beads offer faster magnetic responsiveness, while maintaining good dispersion, very low non-specific adsorption, and an abundance of binding sites. These properties allow for easy and efficient high-load binding of a wide range of biological ligands (e.g., proteins, peptides, oligonucleotides, drug molecules, etc.). TargetMol Mag Beads NH2 (2 μm) serve as an excellent base material for subsequent processing such as encapsulation, adsorption and chemical modification. By the action of special chemical reagents (e.g. glutaraldehyde), biological ligands such as peptides, proteins, oligonucleotides, etc. can be covalently coupled to the surface of the magnetic beads, which is an important carrier tool in medical and molecular biology research.

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