

TECHNICAL DATA SHEET

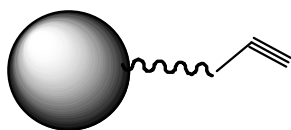
Agarose Beads, Alkyne functional

Catalog Numbers: AR-AK-1

Description:

Alkyne conjugated agarose beads (Alkyne Agarose) from Nanocs were made by the covalent attachment of alkyne functional group to 4% cross-linked agarose beads.

Alkyne group can react with azide group via Click Chemistry. This reaction proceeds well in aqueous solution catalyzed by copper ions. Nanocs alkyne functional agarose beads offer high reactivity to azide functional peptides, proteins, antibodies and many other biomolecules.



Notes:

Recommended pH: Working: 3-10.

Temperature Stability: 4-40 °C.

This product is for research use only and is not intended for use in humans or for diagnostic use.

Product Specifications:

- **Bead Matrix:** 4% cross-linked agarose bead.
- **Bead Size:** 50~150 microns.
- **Ligand:** Alkyne group.
- **Alkyne conc.:** 40-60 µmol alkyne/mL beads.
- **Reactive to:** Azide group.
- **Storage Solution:** De-ionized water containing 25% ethanol.

Handling and Use:

No-known knowledge about the hazards of **Alkyne Functional agarose beads**, caution should be taken when handle this material. All materials should be handled with professional manner.

Storage Conditions:

Alkyne functionalized agarose beads should be stored at 4-8 °C for best use. Do not freeze.

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