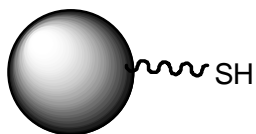**TECHNICAL DATA SHEET**

Agarose Beads, thiol functional

Catalog Numbers: AR-TH-1

Description:

Thiol functionalized agarose beads (Agarose-SH) from Nanocs were made by the covalent attachment of thiol containing molecules to the surface of 4% cross-linked agarose beads. Thiol agarose beads have free thiols/sulfhydryl group available for further bioconjugation reactions. Sulfhydryl functional agarose beads can be used to react with maleimide, iodoacetate, pyridyldithiol or other thiol reactive groups.

Notes:

Recommended pH: Working: 3-10.

Temperature Stability: 4-40 ^{0}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**: Thiol group. 30-50 µmol/mL beads.

- **Bead solution**: De-ionized water with 20-30% isopropanol.
- **Reactive to**: Maleimide, Iodoacetyl, pyridyldisulfide, etc.

Handling and Use:

Thiol functionalized agarose bead solution contains ethanol or isopropanol. Exchange solution with your working buffer 3 times either by filtration or centrifugation.

Storage Conditions:

Thiol functional agarose should be stored at 4-8 ^{0}C for best use. **Do not freeze**.

To Order:

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