Activated Chromatography Media

BioToolomics has developed a broad range of activated media with a variety of coupling chemistries for efficient, fast, easy, and safe immobilization of various functional ligands.

The base matrix is made of highly cross-linked agarose that is very hydrophilic and shows very low nonspecific binding. The pore structure has been carefully designed for the coupling of small or large molecules. The media can be used for R&D and bioprocessing applications.

Custom immobilization is the ideal solution to meet special purification requirements.

The main benefits of our activated media

- Activated media enables successful and convenient immobilization of ligands without the need of complex or toxic chemical processing.
- No special chemical or equipment is required.
- It allows customers to design and produce reliable affinity adsorbents of their own to match individual applications.
- It gives high coupling efficiency and high capacity.
- We supply a wide range of choices to suit various functional groups.
- The base matrix has high flow property.
- A wide range of activated magnetic media enables the fabrication of magnetic adsorbents (resins).

Activated media for general use

- Aldehyde activated SepFast
- Amine activated SepFast
- Carboxyl activated SepFast
- CNBr activated SepFast
- Epoxy activated SepFast
- Irreversible Thiol-Coupling SepFast
- NHS activated SepFast

Activated media for magnetic use

- Aldehyde activated SepFast MAG
- Amine activated SepFast MAG
- Carboxyl activated SepFast MAG
- CNBr activated SepFast MAG
- Epoxy activated SepFast MAG
- Irreversible Thiol-Coupling SepFas MAGt
- NHS activated SepFast MAG

Selection Guide

Group to be coupled	Choice of activated media
-NH_2 (amine)	NHS , CNBr , Aldehyde, Epoxy, Carboxyl
-SH (thiol)	Irreversible Thiol-Coupling, Epoxy
-COOH (carboxyl)	Amine
-OH (hydroxyl)	Epoxy
Aldehyde or ketone	Hydrazide, Amine

Please contact us (info@biotoolomics.com) or visit our website (www.biotoolomics.com) for further information.

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