

Zetarose

Activated Solid Phases

For immobilization of ligands pursuant to targeted purification



The **Zetarose** range of activated agarose beads puts the power of directed purification firmly in your hands. A first-class assortment of resins and selected covalent binding technologies allows the ability to choose the most advantageous strategy for linking ligand to solid phase, providing optimal performance for your particular purification system.

Based on porous and stable cross-linked beaded agaroses, **Zetarose** offers a robust platform for both small and large scale applications and is utilized for a wide variety of separation techniques.

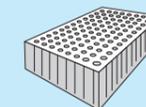
emp BIOTECH offers activated solid phases chosen from two different agarose concentrations and seven distinct coupling chemistries which, in consideration of your ligand and target molecule properties, helps you achieve the best possible result.

We would be pleased to discuss and to make recommendations as to the most favorable activation chemistry for your application. Contact us today.



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Product Name	Agarose Conc.	Activation Density	Maximum Flow Rate	binds to:	Bulk Resin	ZetaSep FPLC Column	MINI Spin Column	MicroPlate	Multi Column Array	GraviPure Column
Zetarose Aldehyde activated FF4	4 %	>5 $\mu\text{mol/mL}$	>300 cm/hr	-NH ₂	TM-1304	ZS-1304	MS-1304	MP-1304	MC-1304	GP-1304
Zetarose Aldehyde activated FF6	6 %	>5 $\mu\text{mol/mL}$	>500 cm/hr	-NH ₂	TM-1301	ZS-1301	MS-1301	MP-1301	MC-1301	GP-1301
Zetarose Amine activated FF4	4 %	>10 $\mu\text{mol/mL}$	>300 cm/hr	-COOH -CHO	TM-1307	ZS-1307	MS-1307	MP-1307	MC-1307	GP-1307
Zetarose Amine activated FF6	6 %	>10 $\mu\text{mol/mL}$	>500 cm/hr	-COOH -CHO	TM-1311	ZS-1311	MS-1311	MP-1311	MC-1311	GP-1311
Zetarose Carboxy activated FF4	4 %	>10 $\mu\text{mol/mL}$	>300 cm/hr	-NH ₂	TM-1305	ZS-1305	MS-1305	MP-1305	MC-1305	GP-1305
Zetarose Carboxy activated FF6	6 %	>10 $\mu\text{mol/mL}$	>500 cm/hr	-NH ₂	TM-1306	ZS-1306	MS-1306	MP-1306	MC-1306	GP-1306
Zetarose Epoxy activated FF4	4 %	>25 $\mu\text{mol/mL}$	>300 cm/hr	-NH ₂ -SH -OH	TM-1310	ZS-1310	MS-1310	MP-1310	MC-1310	GP-1310
Zetarose Epoxy activated FF6	6 %	>75 $\mu\text{mol/mL}$	>500 cm/hr	-NH ₂ -SH -OH	TM-1302	ZS-1302	MS-1302	MP-1302	MC-1302	GP-1302
Zetarose Hydrazide activated FF4	4 %	>10 $\mu\text{mol/mL}$	>300 cm/hr	-HC=O -C=O	TM-1314	ZS-1314	MS-1314	MP-1314	MC-1314	GP-1314
Zetarose NHS activated FF4	4 %	>5 $\mu\text{mol/mL}$	>300 cm/hr	-NH ₂	TM-1308	ZS-1308	MS-1308	MP-1308	MC-1308	GP-1308
Zetarose NHS activated FF6	6 %	>5 $\mu\text{mol/mL}$	>500 cm/hr	-NH ₂	TM-1309	ZS-1309	MS-1309	MP-1309	MC-1309	GP-1309
Zetarose Thiol activated FF4	4 %	>10 $\mu\text{mol/mL}$	>300 cm/hr	-SH	TM-1312	ZS-1312	MS-1312	MP-1312	MC-1312	GP-1312
Zetarose Thiol activated FF6	6 %	>20 $\mu\text{mol/mL}$	>500 cm/hr	-SH	TM-1311	ZS-1313	MS-1313	MP-1313	MC-1313	GP-1313

Zetarose solid phase resins are supplied in bulk or pre-packed in a wide range of ready-to-use configurations. All Zetarose products are manufactured in dedicated ISO certified facilities under strict control and according to the highest internationally recognized quality standards.

emp BIOTECH is also pleased to supply you with fully customized solid phases designed specifically for your application. Please contact us for a consultation.



Explore our Range of Resins



In addition to the ACT resin range, you may also be interested in our other purification solid phases including:

Affinity (AFF)

Hydrophobic interaction (HIC)

Ion exchange (IEX)

Size exclusion (SEC)

A Regulatory Support File (RSF) can be provided on request.

emp BIOTECH offers a resin customization service and we will be pleased to discuss your requirements with you. Please do not hesitate to contact us for further information.

For more information, please contact us at **+49 30 9489 2201**
or resins@empbiotech.com

