

## Solutions for Proteomics

Protein Crosslinkers, Protein Modifiers, LCMS Mobile Phases, GC Derivatization Reagents, Molecular Biology Buffers and Solvents, and MALDI Matrices for High Resolution Analysis

Ricca Chemical Company provides top of the line quality reagents for proteomics research. With the complex composition of biological samples, proper sample preparation and purification is essential to sensitive, selective and reproducible results.



### Our ProteoSpec™ products provide:

- Excellent sample preparation
- High purity to limit side reactions
- Increased signal-to-noise ratio
- Decreased limit of detection and quantitation
- In stock and ready to ship
- Cost-effective choices

### RICCA Benefits:

- Multiple manufacturing sites in the U.S. to ensure risk mitigation.
- SDSs and CofAs available on our website 24/7 at [www.riccachemical.com](http://www.riccachemical.com).
- Chemistry degreed support staff from Sales to Technical Services.
- Stable and consistently performing products.
- Tight Specifications results in low lot-to-lot variability.
- Custom capabilities to meet your laboratory needs.



#### Contact us at:

[customerservice@riccachemical.com](mailto:customerservice@riccachemical.com)  
(888) GO-RICCA (467-4222)

#### Visit Us Online:

[www.riccachemical.com](http://www.riccachemical.com)



**RIGHT • READY • RICCA**



### Protein Crosslinkers

Zero-Length Cat. No.	Description	Size
RMB13501	ProteoSpec™ N,N'-Carbonyldiimidazole (CDI)	5 g
RMB13502	ProteoSpec™ N,N'-Dicyclohexylcarbodiimide (DCC)	5 g
RMB13504	ProteoSpec™ N-Hydroxysuccinimide (NHS)	25 g
RMB13505	ProteoSpec™ Sulfo-NHS	50 mg

  

Homobifunctional Cat. No.	Description	Size
RMB13301	ProteoSpec™ DSG Crosslinker	50 mg
RMB13305	ProteoSpec™ DSS Crosslinker	50 mg
RMB13306	ProteoSpec™ BS3 Crosslinker	50 mg
RMB13308	ProteoSpec™ EGS Crosslinker	50 mg



### Protein Modifiers

Biotinylation Compounds Cat. No.	Description	Size
RMB14201	ProteoSpec™ Biotin-Hydrazide	100 mg
RMB14202	ProteoSpec™ Biotin-NHS	100 mg
RMB14204	ProteoSpec™ NHS-SS-Biotin	100 mg
RMB14205	ProteoSpec™ Sulfo-NHS Biotin	100 mg
RMB14206	ProteoSpec™ Sulfo-NHS-LC-Biotin	100 mg
RMB14207	ProteoSpec™ Sulfo-NHS-SS-Biotin	100 mg

  

Other Modifiers Cat. No.	Description	Size
RMB14102	ProteoSpec™ SATA Protein Modifier	50 mg
RMB14103	ProteoSpec™ Sulfo-NHS Acetate	100 mg
RMB14105	ProteoSpec™ Citraconic Anhydride	25 g

### LCMS Mobile Phases

LCMS grade chromatography additives are well suited for HPLC and LCMS applications. Convenient 1 mL package size allows for simple and accurate 0.1% v/v dilutions.

Cat. No.	Description	Size
RMB11201	ProteoSpec™ LCMS Grade Acetic Acid	10x1mL
RMB11202	ProteoSpec™ LCMS Grade Formic Acid	10x1mL
RMB11204	ProteoSpec™ LCMS Grade Trifluoroacetic Acid (TFA)	10x1mL
RMB11205	ProteoSpec™ LCMS Grade Triethylamine	10x1mL





## MALDI Matrices

Cat. No.	Description	Size
RMB15101	ProteoSpec™ CHCA MALDI Matrix	24x1 mg, 5x10 mg
RMB15102	ProteoSpec™ DHB MALDI Matrix	24x1 mg, 5x10 mg
RMB15103	ProteoSpec™ Sinapinic Acid MALDI Matrix	24x1 mg, 5x10 mg

## GC Derivatization Reagents

### Acylation



Cat. No.	Description	Size
RMB12201	ProteoSpec™ Trifluoroacetic anhydride (TFAA)	10x1 g
RMB12202	ProteoSpec™ Pentafluoropropionic anhydride (PFPA)	10x1 g
RMB12203	ProteoSpec™ Heptafluorobutyric anhydride (HFAA)	10x1 g
RMB12204	ProteoSpec™ MBTFA	10x1 g

### Silylation

Cat. No.	Description	Size
RMB12102	ProteoSpec™ BSTFA	10x1 g
RMB1202T	ProteoSpec™ BSTFA with 1% TMCS	10x1 g
RMB12104	ProteoSpec™ MSTFA	10x1 g
RMB1204T	ProteoSpec™ MSTFA with 1% TMCS	10x1 g
RMB12107	ProteoSpec™ MTBSTFA	10x1 g
RMB1207T	ProteoSpec™ MTBSTFA with 1% TBDMCS	10x1 g

## Buffers and Solvents

### Molecular Biology Buffers



Cat. No.	Description	Size
RMB19101	ProteoSpec™ MES, Molecular Biology Grade	25g
RMB19102	ProteoSpec™ Molecular Biology Grade HEPES	25g
RMB19103	ProteoSpec™ Molecular Biology Grade Glycine	50g

## Water

Ricca Chemical Company is the premier choice for High Purity Water. We offer water to meet USP Purified, USP/EP purified, ASTM, ACS, HPLC and other requirements. Our water is specially purified by conventional water softening, pre-filtration, activated carbon organic absorption, reverse osmosis, mixed bed double deionization, ultraviolet light irradiation, and 0.2 micron filtration.



R9153	Water, HPLC Grade	1L, 4L
R9145	Water, Molecular Biology Grade , Sterile, RNase Free, DNase Free, Protease Free, DEPC Free	1L
R9150	Water, ACS Reagent Grade, ASTM Type I, ASTM Type II	1L, 4L, 10L, 20L, 220L
R9151	Water, ACS Reagent Grade, ASTM Type I, ASTM Type II in Glass	4L
R9152	Water, ACS Reagent Grade, ASTM Type II	1L, 4L, 10L, 20L, 220L
R91513	Water, ACS Reagent Grade, ASTM Type III	4L
R91514	Water, ACS Reagent Grade, ASTM Type IV	1L, 20L
R9180	Water, Distilled	1L, 4L
R9189	Water, USP/EP/JP Purified	20L
R9190	Water, USP/EP Purified	4L, 10L, 20L
R9191	Water, USP Purified Non-Sterile	55 Gallons

## Ricca, trusted source for all of your Chemical needs:

- Compendial Solutions
- Buffers
- General Use: Acids, Bases, Dry Chemicals
- High-Purity Water
- Standards: Conductivity, ISE, Color, UV-Vis, Orp, AA/ICP-MS, IC
- Titrants: Acids, Bases, KF
- Indicators
- Cleaning Agents

### Contact us at:

[customerservice@riccchemical.com](mailto:customerservice@riccchemical.com)  
(888) GO-RICCA (467-4222)

### Visit Us Online:

[www.riccchemical.com](http://www.riccchemical.com)

**RIGHT • READY • RICCA**