

Quick and Simple Cleanup for

Medicinal Chemistry





Guaranteed Cleanup of Post Synthesis Reactions

Strata[™]-XL Giga[™] Tubes are designed to make Medicinal Chemistry easy!

"With Strata Giga tubes I've been able to purify a compound containing a quaternary amine successfully. I would recommend Strata... for sure!"

- Maxim Maheux, TransBIOTech

- Quick and simple cleanup procedures
- Tubes available for a wide range of sample sizes;
 1 mL up to 150 mL
- Pre-packed tubes eliminate the excess maintenance involved with cleaning and handling glass packed flash columns
- Large particle sizes for fast flow
- Robust polymeric material for pH and chemical resistance, including DMSO



If Strata SPE products do not perform as well or better than your current SPE product of similar phase, mass and size, send in your comparative data within 45 days and keep the Strata SPE product for FREE.

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Customize Your Cleanup in 2 Easy Steps

step 1: Select a Sorbent

Choose from 5 different sorbent chemistries.

Cleanup Strategy	Sorbent Recommendation
Desalt neutral compounds	Strata [™] -XL
Cleanup basic compounds	Strata-XL-C
Cleanup strongly basic compounds	Strata-XL-CW
Cleanup acidic compounds	Strata-XL-A
Cleanup strongly acidic compounds	Strata-XL-AW

step 2: Choose a Tube

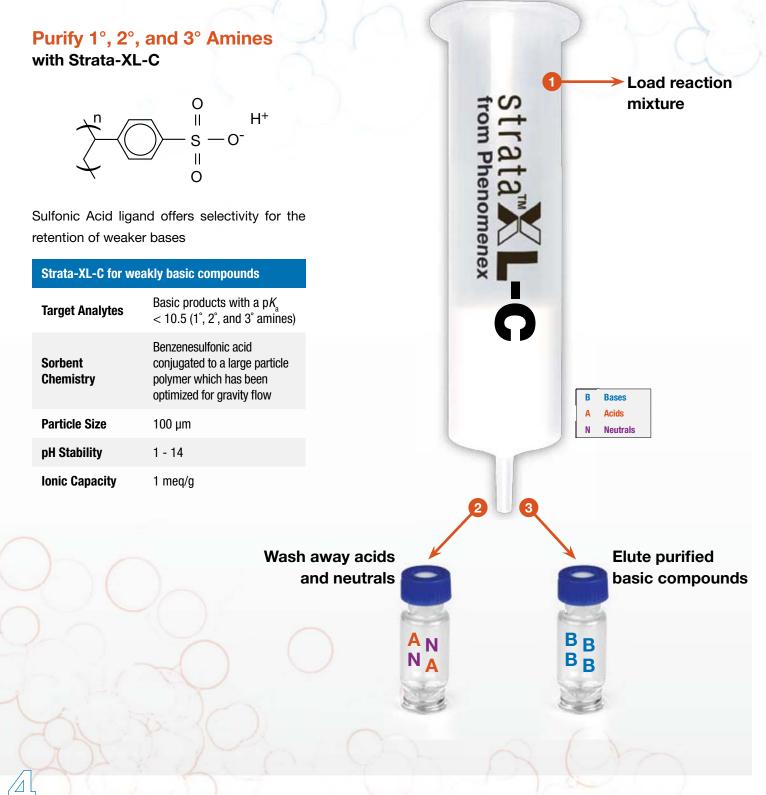
Use the chart below to determine proper sorbent mass based on your sample size.

Strata-XL					
Neutral Compound Loading Capacity	185 mg	460 mg	935 mg	1.85 g	4.65 g
Recommended Sorbent Mass	2 g	5 g	10 g	20 g	50 g

Strata-XL-C, Strata-XL-CW, Strata-XL-A and Strata-XL-AW						
Ionic Compound Loading Capacity	200 mg	500 mg	1 g			
Recommended Sorbent Mass	2 g	5 g	10 g			

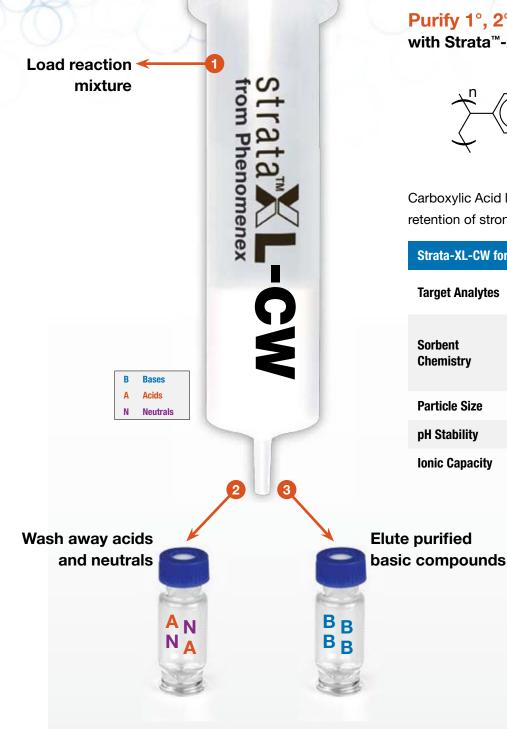
Cleanup Basic Compounds

Achieve high recoveries of basic compounds with Strata[™]-XL-C and Strata[™]-XL-CW.

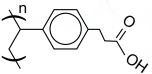




Cleanup Basic Compounds



Purify 1°, 2°, 3°, and **4**° **Amines** with Strata[™]-XL-CW



Carboxylic Acid ligand offers selectivity for the retention of strong bases

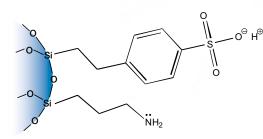
Strata-XL-CW for strongly basic compounds			
Target Analytes	Basic products with a p $K_a > 8$ (1°, 2°, 3°, and 4° <i>amines</i>)		
Sorbent Chemistry	Carboxylic acid group conjugated to a large particle polymer which has been optimized for gravity flow		
Particle Size	100 µm		
pH Stability	1 - 14		
Ionic Capacity	0.76 meq/g		

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Cleanup Neutral Compounds Ion-Exchange Method

Quickly and easily remove ionic species from Neutral compounds by performing an ion-exchange cleanup.

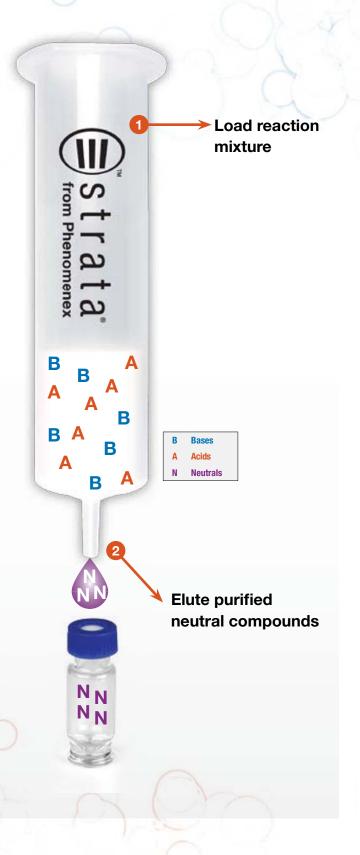
Remove Basic AND Acidic Compounds with Strata[®]-ABW



Strong cation - exchange and weak anion exchange groups allow neutral compounds to flow through the sorbent while ionic compounds are trapped in the sorbent

Strata ABW for neutral compounds

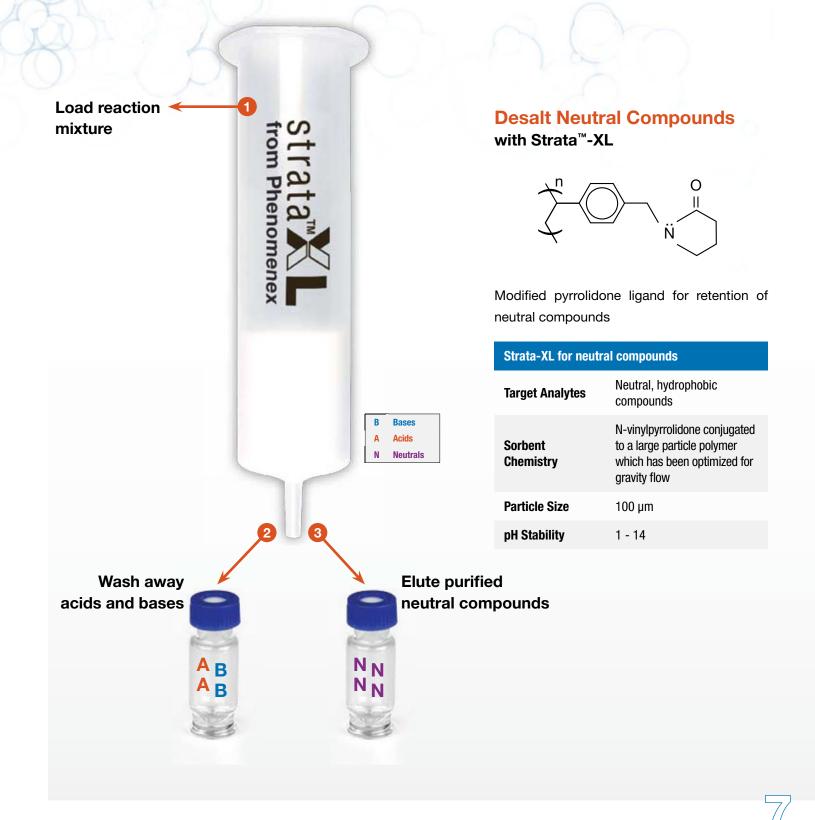
Target Analytes	lonically charged compounds, neutral compounds flow through sorbent
Sorbent Chemistry	Sulfonic Acid and Amino groups for retention of basic and acidic compounds, respectively
Particle Size	55 µm
pH Stability	2.5 - 8.5



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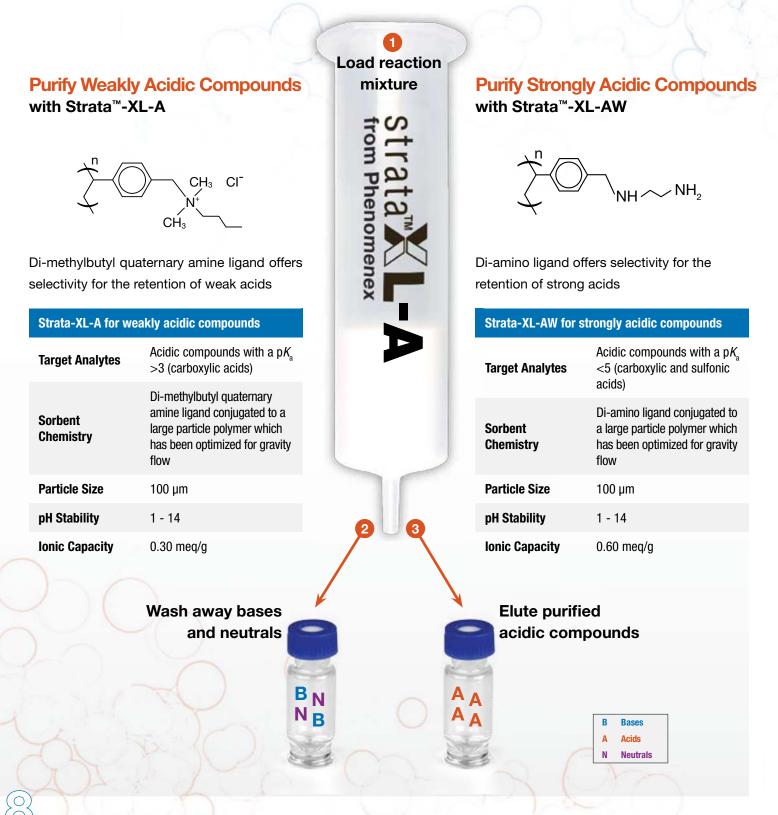


Cleanup Neutral Compounds Reversed Phase/Desalting Method



Cleanup Acidic Compounds

Achieve superior cleanup and high recoveries of acidic compounds with Strata[™]-XL-A and Strata[™]-XL-AW.





Traditional Cleanup Solutions

Silica-based sorbents have been used to fractionate and cleanup synthetic organic compounds for many years. Strata silica-based products are made from the highest quality silica and each batch is quality tested for purity, recovery, and flow to ensure that your results are reproducible.

Compound to be Fractionated	Sorbent Recommendation
Reversed Phase Solutions	
Very hydrophobic compounds	Strata [®] C8
Hydrophobic compounds	Strata C18-E
Hydrophobic, aromatic compounds	Strata Phenyl
Normal Phase Solutions	
Polar compounds including those that contain a hydroxyl group	Strata NH ₂
Polar compounds including those that contain an amino group	Strata Silica
Additional Cleanup Solutions	
Removal of aqueous residues	Strata Sodium Sulfate

Strata ABW, Strata C8, Strata C18-E, Strata Phenyl, Strata NH_{2} , and Strata Silica						
Maximum Loading Capacity of Neutral Compounds100 mg250 mg500 mg1 g3.5 g						
Sorbent Mass	2 g	5 g	10 g	20 g	70 g	



Ordering Information Cleanup Solutions

Ion-Exchange - Strata[™]-XL-C

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price	2
2 g	12 mL	8B-S044-KDG	20/box		
2 g	20 mL	8B-S044-KEG	20/box		
5 g	20 mL	8B-S044-LEG	20/box		
5 g	60 mL	8B-S044-LFF	16/box		
10 g	60 mL	8B-S044-MFF	16/box		

Ion-Exchange - Strata-XL-AW

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
2 g	12 mL	8B-S051-KDG	20/box	
2 g	20 mL	8B-S051-KEG	20/box	
5 g	20 mL	8B-S051-LEG	20/box	
5 g	60 mL	8B-S051-LFF	16/box	~
10 g	60 mL	8B-S051-MFF	16/box	

Ion-Exchange - Strata-XL-CW

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
2 g	12 mL	8B-S052-KDG	20/box	
2 g	20 mL	8B-S052-KEG	20/box	
5 g	20 mL	8B-S052-LEG	20/box	
5 g	60 mL	8B-S052-LFF	16/box	
10 g	60 mL	8B-S052-MFF	16/box	

Reversed Phase - Strata-XL

Tube Size	Part No.	Unit/Box	Price
12 mL	8B-S043-KDG	20/box	
20 mL	8B-S043-KEG	20/box	
20 mL	8B-S043-LEG	20/box	
60 mL	8B-S043-LFF	16/box	
60 mL	8B-S043-MFF	16/box	
60 mL	8B-S043-VFF	16/box	
150 mL	8B-S043-YSN	8/box	
	Size 12 mL 20 mL 20 mL 60 mL 60 mL 60 mL	Size Part No. 12 mL 8B-S043-KDG 20 mL 8B-S043-KEG 20 mL 8B-S043-LEG 60 mL 8B-S043-LFF 60 mL 8B-S043-MFF 60 mL 8B-S043-VFF	Size Part No. Unit/Box 12 mL 8B-S043-KDG 20/box 20 mL 8B-S043-KEG 20/box 20 mL 8B-S043-LEG 20/box 60 mL 8B-S043-LFF 16/box 60 mL 8B-S043-MFF 16/box 60 mL 8B-S043-VFF 16/box

Ion-Exchange - Strata-XL-A

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
2 g	12 mL	Available in August	20/box	*
2 g	20 mL	Available in August	20/box	*
5 g	20 mL	Available in August	20/box	*
5 g	60 mL	Available in August	16/box	*
10 g	60 mL	Available in August	16/box	*

*Contact Phenomenex for more information.



Ordering Information Traditional Cleanup Solutions

Mixed Mode - Strata® ABW

	Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
×	2 g	12 mL	8B-S030-KDG	20/box	
	5 g	20 mL	8B-S030-LEG	20/box	
	10 g	60 mL	8B-S030-MFF	16/box	
	20 g	60 mL	8B-S030-VFF	16/box	
	70 g	150 mL	8B-S030-ZSN	8/box	

Reversed Phase - Strata C8

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
2 g	12 mL	8B-S005-KDG	20/box	
5 g	20 mL	8B-S005-LEG	20/box	
10 g	60 mL	8B-S005-MFF	16/box	

Reversed Phase - Strata C18-E

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
500 mg	12 mL	8B-S001-HDG	20/box	
1 g	20 mL	8B-S001-JEG	20/box	
2 g	12 mL	8B-S001-KDG	20/box	
5 g	20 mL	8B-S001-LEG	20/box	
10 g	60 mL	8B-S001-MFF	16/box	
20 g	60 mL	8B-S001-VFF	16/box	
20 g	150 mL	8B-S001-VSN	8/box	
50 g	150 mL	8B-S001-YSN	8/box	
70 g	150 mL	8B-S001-ZSN	8/box	

Reversed Phase - Strata Phenyl

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
2 g	12 mL	8B-S006-KDG	20/box	

Normal Phase - Strata NH₂

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
500 mg	12 mL	8B-S009-HDG	20/box	
2 g	12 mL	8B-S009-KDG	20/box	
5 g	20 mL	8B-S009-LEG	20/box	
10 g	60 mL	8B-S009-MFF	16/box	
20 g	60 mL	8B-S009-VFF	16/box	
70 g	150 mL	8B-S009-ZSN	8/box	

Normal Phase - Strata Silica

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
500 mg	12 mL	8B-S012-HDG	20/box	
1 g	12 mL	8B-S012-JDG	20/box	
2 g	12 mL	8B-S012-KDG	20/box	
5 g	20 mL	8B-S012-LEG	20/box	
10 g	60 mL	8B-S012-MFF	16/box	
20 g	60 mL	8B-S012-VFF	16/box	
50 g	150 mL	8B-S012-YSN	8/box	
70 g	150 mL	8B-S012-ZSN	8/box	

Additional Cleanup - Strata Sodium Sulfate

Sorbent Mass	Tube Size	Part No.	Unit/Box	Price
1 g	6 mL	8B-S124-JCH	30/box	
1 g	20 mL	8B-S124-JEG	20/box	
5 g	20 mL	8B-S124-LEG	20/box	

*Contact Phenomenex for more information.



If Strata SPE products do not perform as well or better than your current SPE product of similar phase, mass and size, send in your comparative data within 45 days and keep the Strata SPE product for FREE.

Terms and Conditions

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