

# 5 x 10 Fascinated by analytics.

SeccoSolv® & SeccoSept®

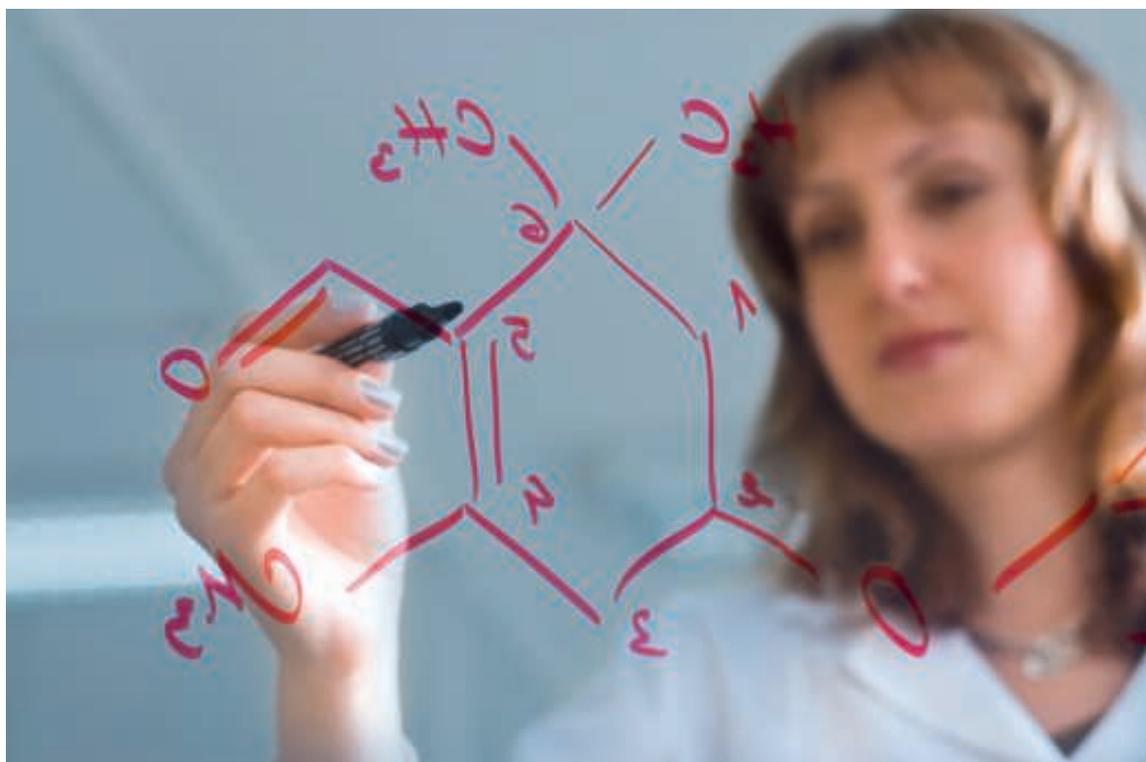
No leaks. No hassles. No unpleasant surprises. Expect nothing but the best protection for dried solvents with our SeccoSept® seal caps. Their unique 5 x 10 system provides five septum circles that can be punctured up to ten times without any loss of stability. The multiple layers of protection prevent potential contaminants, keeping your solvents in flawless condition and allowing the best economic use. That's quality you can count on. From the first drop to the last.



# Small Molecule Drug Discovery Bundle

## Introduction

Merck Millipore offers the highest quality tools for enabling the research and discovery of new biologically active molecules. Whether it is the discovery of a new drug candidate or the development of new chemical reactions, you can count on Merck Millipore to support your research reagent needs. Our SeccoSolv® dried solvents packaged with our innovative SeccoSept® cap will stay dry for longer periods of time and with more solvent withdrawals compared to our competition, giving you confidence in your moisture-sensitive experimental results. Furthermore, our highly uniform TLC plates provide reproducible results in the analysis of the progress of your chemical experiments. You can be confident that each Merck Millipore TLC plate has been inspected by hand by our QC team to ensure the highest quality and reproducibility. Our Novabiochem® coupling reagents offer a variety of options for amide bond formation. In addition, Merck Millipore offers HPLC columns to help you purify your newly synthesized molecules. With local sales offices all over the world, Merck Millipore products enable the discoveries of the organic chemist regardless of where they are made.



## Dried Solvents SeccoSolv® & SeccoSept®

### Features & Benefits

- Protection from atmospheric contamination
- Reliability: maintenance of quality throughout long term storage & use
- Repetitive withdrawal of dried solvents with minimized loss of quality
- Better stability of solvent within the cycle of sample withdrawal
- Better reproducibility within the cycle of sample withdrawal
- Economical in use



## Septum Seal Cap – Reliability in every application

### Convenience

- Rotatable septum screw cap
- Rotatable with one hand

### Flexibility

- Useable with & without septum – in different packaging sizes
- Big septum surface – five extra large septum surfaces

### Safety

- Double originality closure
- Special PTFE-coated silicon septum with outstanding self-sealing properties
- Yellow protection cap

### SeccoSolv® Dried Solvents

Order number	Product description	Purity (GC) min %	Evap. Residue Water max in %	Water max. in %	Content
1.00299.0161	Acetone	99.9	10	0.0075	150 ml
1.00299.1001	Acetone	99.9	10	0.0075	1 l
1.00004.0161	Acetonitrile	99.9	10	0.005	150 ml
1.00004.1001	Acetonitrile	99.9	10	0.005	1 l
1.02395.1001	Chloroform	99.9	10	0.003	1 l
1.06051.0161	Dichloromethane	99.9	10	0.004	150 ml
1.06051.1001	Dichloromethane	99.9	10	0.004	1 l
1.00929.0161	Diethyl ether	99.9	10	0.005	150 ml
1.00929.1001	Diethyl ether	99.9	10	0.005	1 l
1.02375.0161	N,N-Dimethylformamide	99.9	10	0.003	150 ml
1.02375.1001	N,N-Dimethylformamide	99.9	10	0.003	1 l
1.02931.0161	Dimethyl sulfoxide	99.9	10	0.025	150 ml
1.02931.1001	Dimethyl sulfoxide	99.9	10	0.025	1 l
1.03110.0161	1,4-Dioxane	99.9	10	0.005	150 ml
1.03110.1001	1,4-Dioxane	99.9	10	0.005	1 l
1.00990.0161	Ethanol	99.9	10	0.01	150 ml
1.00990.1001	Ethanol	99.9	10	0.01	1 l
1.02396.1001	Ethyl acetate	99.9	10	0.003	1 l
1.06012.0161	Methanol	99.9	10	0.003	150 ml
1.06012.1001	Methanol	99.9	10	0.003	1 l
1.00994.0161	2-Propanol	99.9	10	0.005	150 ml
1.00994.1001	2-Propanol	99.9	10	0.005	1 l
1.07463.0161	Pyridine	99.9	10	0.0075	150 ml
1.07463.1001	Pyridine	99.9	10	0.0075	1 l
1.08107.0161	Tetrahydrofuran	99.9	10	0.005	150 ml
1.08107.1001	Tetrahydrofuran	99.9	10	0.005	1 l
1.08326.0161	Toluene	99.9	10	0.005	150 ml
1.08326.1001	Toluene	99.9	10	0.005	1 l



## TLC Plates

### Features & Benefits

- Merck reliable quality
- Widest range of TLC plates : various sizes and backings (Aluminum, Glass & Plastic)
- Countless applications on Merck TLC plates published in literature demonstrating our leading position



### TLC: Thin layer chromatography

Order number	Product description
1.05582.0001	TLC Silica gel 60 with concentrating zone 2.5 x 20 cm 25 aluminum sheets 20 x 20 cm
1.05554.0001	TLC Silica gel 60 F <sub>254</sub> 25 aluminum sheets 20 x 20 cm
1.16834.0001	TLC Silica gel 60 F <sub>254</sub> 50 aluminum sheets 5 x 10 cm
1.05715.0001	TLC Silica gel 60 F <sub>254</sub> 25 glass plates 20 x 20 cm
1.05789.0001	TLC Silica gel 60 F <sub>254</sub> 25 glass plates 5 x 10 cm
1.15327.0001	TLC Silica gel 60 F <sub>254</sub> 100 glass plates 2.5 x 7.5 cm
1.05559.0001	TLC Silica gel 60 RP-18 F <sub>254s</sub> 20 aluminum sheets 20 x 20 cm

### HPTLC: High performance thin layer chromatography

Order number	Product description
1.05548.0001	HPTLC Silica gel 60 F <sub>254</sub> 25 aluminum sheets 20 x 20 cm
1.13192.0001	HPTLC Silica gel 60 NH <sub>2</sub> F <sub>254s</sub> 25 glass plates 20 x 10 cm
1.05648.0001	HPTLC Silica gel 60/premium purity 50 glass plates 20 x 10 cm
1.13724.0001	HPTLC Silica gel 60 RP-18 F <sub>254s</sub> 25 glass plates 10 x 10 cm
1.05629.0001	HPTLC Silica gel 60 F <sub>254</sub> 100 glass plates 10 x 10 cm
1.13727.0001	HPTLC Silica gel 60 F <sub>254</sub> concentrating zone 2.5 x 10 cm glass plates 10 x 10 cm
1.05729.0001	TLC Silica gel 60 F <sub>254</sub> 50 Glass plates 10 x 20 cm
1.05642.0001	HPTLC Silica gel 60 F <sub>254</sub> 50 Glass plates 20 x 10 cm
1.05719.0001	TLC Silica gel 60 F <sub>254</sub> 200 Glass plates 5 x 10 cm

## Coupling Reagents

Our high quality innovative Novabiochem® coupling reagents offer a variety of options for the organic chemist for your amide bond formation reactions.



Order number	Product description	Size
8.51006.0005	HBTU	5 g
8.51006.0025	HBTU	25 g
8.51006.0100	HBTU	100 g
8.51011.0001	MSNT	1 g
8.51011.0005	MSNT	5 g
8.51011.0025	MSNT	25 g
8.51009.0005	PyBOP®	5 g
8.51009.0025	PyBOP®	25 g
8.51009.0100	PyBOP®	100 g
8.51007.0005	WSC · HCl	5 g
8.51007.0025	WSC · HCl	25 g
8.51012.0005	HCTU	5 g
8.51012.0025	HCTU	25 g
8.51012.0100	HCTU	100 g
8.51013.0005	HATU	5 g
8.51013.0025	HATU	25 g
8.51086.0025	Oxyma Pure	25 g
8.51086.0100	Oxyma Pure	100 g

Order number	Product description	Size
8.51085.0005	COMU	5 g
8.51085.0025	COMU	25 g
8.51085.0100	COMU	100 g
8.51087.0005	PyClock	5 g
8.51087.0025	PyClock	25 g
8.51087.0100	PyClock	100 g
8.51088.0005	TOTU	5 g
8.51088.0025	TOTU	25 g
8.51088.0100	TOTU	100 g
8.51090.0001	TFFH	1 g
8.51090.0005	TFFH	5 g
8.51090.0025	TFFH	25 g
8.51091.0005	DEPBT	5 g
8.51091.0025	DEPBT	25 g
8.51091.0100	DEPBT	100 g
8.51095.0005	PyOxim	5 g
8.51095.0025	PyOxim	25 g
8.51095.0100	PyOxim	100 g

## HPLC Columns

Merck Millipore offers Chromolith®, LiChrospher®, and Purospher® STAR reverse phase HPLC columns for the analysis and purification of a variety of chemical compounds.



Order number	Product description	Contents of one package
1.02129.0001	Chromolith® Performance RP-18 endcapped 100-4.6	1
1.52001.0001	Chromolith® Performance RP-18 endcapped 100-3	1
1.50943.0001	LiChrospher® 100 RP-18 (5 µm) LiChroCART® HPLC Cartridge 125-4	3
1.50983.0001	LiChrospher® 100 RP-18 (5 µm) LiChroCART® HPLC Cartridge 250-4	3
1.50833.0001	LiChrospher® 100 RP-18 (5 µm) LiChroCART® HPLC Cartridge 250-4	1
1.50995.0001	LiChrospher® 100 RP-18 endcapped (5 µm) LiChroCART® HPLC Cartridge 250-4	3
1.50957.0001	LiChrospher® 100 RP-18 (5 µm) LiChroCART® HPLC Cartridge 4-4 guard column	10
1.50984.0001	LiChrospher® 60 RP-select B (5 µm) LiChroCART® HPLC Cartridge 250-4	3
1.50981.0001	LiChrospher® 60 RP-select B (5 µm) LiChroCART® HPLC Cartridge 125-4	3
1.50251.0001	Purospher® STAR RP-18 endcapped (5 µm) LiChroCART® HPLC Cartridge 125-4	1
1.50358.0001	Purospher® STAR RP-18 endcapped (5 µm) LiChroCART® HPLC Cartridge 150-4.6	1
1.50359.0001	Purospher® STAR RP-18 endcapped (5 µm) LiChroCART® HPLC Cartridge 250-4.6	1
1.50252.0001	Purospher® STAR RP-18 endcapped (5 µm) LiChroCART® HPLC Cartridge 250-4	1

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.



For further information on Merck Millipore and our products contact:

Merck KGaA  
65839 Darmstadt, Germany  
[www.merckmillipore.com](http://www.merckmillipore.com)



For more information about our **100% Fascinated by analytics** campaign please visit:  
[www.merckmillipore.com/fascinated-by-analytics](http://www.merckmillipore.com/fascinated-by-analytics)