Fabricant Français & Distributeur
de consommables de Chromatographie

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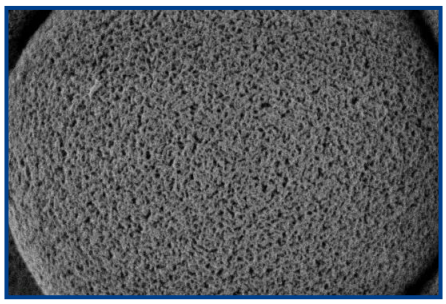
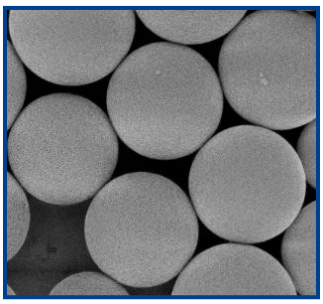
Shaper™ Hybrid

Our Shaper Hybrid silica backbone has been developed through silicone hydrolysis polycondensation creating an optimum organic / inorganic balance & homogeneous pore structure which provides a strong pH stability under both acidic & basic conditions (1-to-12) and a high mechanical strength leading to a longer column lifetime. It solves most of the analysts' daily challenges.



Perfect pore control



Perfect particle size distribution

Shaper™ Hybrid
Analysis of Basic Drugs under basic conditions

- 130Å - 185 m^2/g Organic / Inorganic balance
- 1.7 - 2.5 - 3.5 & 5.0 µm
- Strong pH stability 1-to-12
- High mechanical strength = longer column lifetime.
- Anhydrous gas phase multiple end-capping technology
- Excellent choice for method development of new analysis up to preparative scale

9 stationary phases are available

C18
USP L1
Hydrophobic retention mechanism. Acids, Bases and Neutrals compounds analysis.
pH : 1 to 12.

C8
USP L7
Shorter retention vs. C18 phase for late eluted compounds.
pH : 1 to 12

Amide
USP L20
Separation & analysis of strong polar compounds using HILIC mode, which are not retained by C18.
pH : 2 to 11

C18 Polar
USP L60
Hydrophobic mechanism of retention. Mid-polar to non-polar compounds analysis. Compatible with 100% H_2O mobile phase.
pH : 1 to 12

Phenyl-Hexyl
USP L11
Orthogonal selectivity to C18, design for polar aromatic compounds analysis & moderately polar analytes.
pH : 1 to 12

Hilic - Zwitterionic
USP L114
Separation of Sugars, Organic Acids, Metabolites & Amino acids.
pH : 2 to 10. T. stability : 60°C

C18 Shield
USP L1
Hydrophobic mechanism of retention. Mid-polar to non-polar compounds analysis. Compatible with 100% H_2O mobile phase.
pH : 1 to 12

Penta-Fluoro-Phenyl
USP L43
π-π interactions, dipole, hydrogen bonding, and ionic interactions to perform highly polar compound analysis.
pH : 1 to 8

Hilic
USP L20
Design for highly polar compounds analysis (Log P < 0.5) - that cannot be done on C18 - under highly % of organic.
pH : 1 to 9

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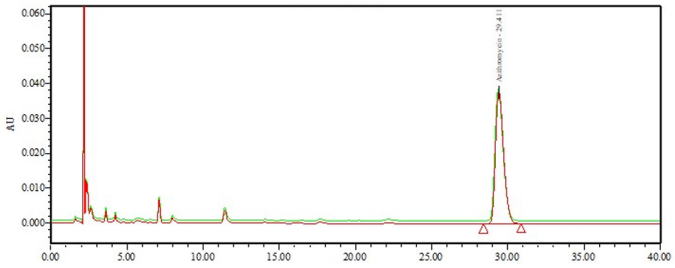
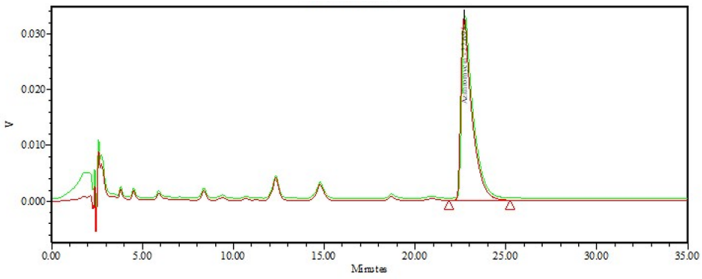
Example 1

analysis & quantification of Azithromycin on a Shaper Hyb C18 5µm, 250 x 4,6 mm



Shaper Hyb C18 exhibits greater peaks shape and higher efficiency



Competitor W.

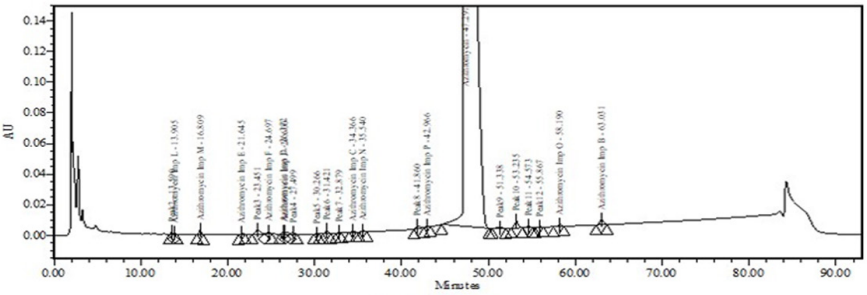
Conditions

Isocratic Mobile phase: 10% solution of K_2HPO_4 pH 6.5 + 35% of acetonitrile + 55% of water

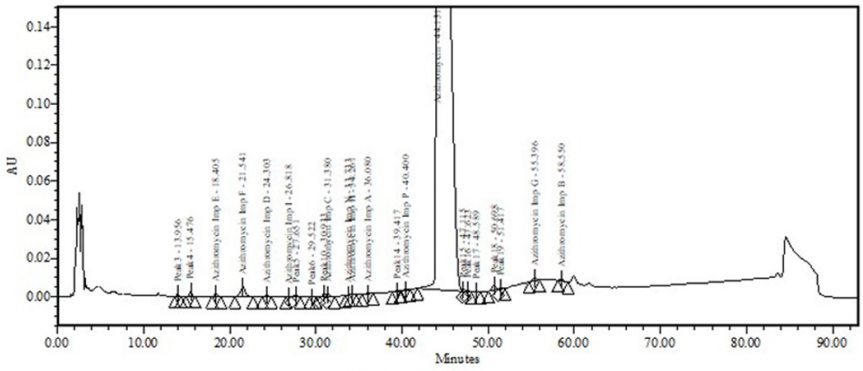
inject. volume 100 µl | uv 215 nm | Flow rate 1 ml/min | temp. 70°C

Example 2

Related Substances Analysis of Azithromycin on Shaper Hyb C18 5 µm, 250 × 4.6 mm



Shaper Hyb C18 exhibits greater peaks shape &higher efficiency



Competitor W.

Conditions

A: 0.18% w/v anhydrous disodium hydrogen phosphate, adjusted to pH 8.9 with dilute orthophosphoric acid or dilute sodium hydroxide solution
B: 25% methanol + 75% acetonitrile

Time (min)	Phase A (%)	Phase B (%)
0	50	50
25	45	55
30	40	60
80	25	75
81	50	50
93	50	50

inject. volume 50 µl | uv 215 nm | Flow rate 1 ml/min | temp. 60°C

Product information

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	C18	50	2.1	5021-1.7-SH-HYB-C18
1.7	C18	100	2.1	10021-1.7-SH-HYB-C18
1.7	C18	150	2.1	15021-1.7-SH-HYB-C18
1.7	C18	50	3.0	5030-1.7-SH-HYB-C18
1.7	C18	100	3.0	10030-1.7-SH-HYB-C18
1.7	C18	150	3.0	15030-1.7-SH-HYB-C18
2.5	C18	50	2.1	5021-2.5-SH-HYB-C18
2.5	C18	100	2.1	10021-2.5-SH-HYB-C18
2.5	C18	150	2.1	15021-2.5-SH-HYB-C18
2.5	C18	50	3.0	5030-2.5-SH-HYB-C18
2.5	C18	100	3.0	10030-2.5-SH-HYB-C18
2.5	C18	150	3.0	15030-2.5-SH-HYB-C18
2.5	C18	50	4.6	5046-2.5-SH-HYB-C18
2.5	C18	100	4.6	10046-2.5-SH-HYB-C18
2.5	C18	150	4.6	15046-2.5-SH-HYB-C18
2.5	C18	250	4.6	25046-2.5-SH-HYB-C18
3.5	C18	50	2.1	5021-3.5-SH-HYB-C18
3.5	C18	100	2.1	10021-3.5-SH-HYB-C18
3.5	C18	150	2.1	15021-3.5-SH-HYB-C18
3.5	C18	50	3.0	5030-3.5-SH-HYB-C18
3.5	C18	100	3.0	10030-3.5-SH-HYB-C18
3.5	C18	150	3.0	15030-3.5-SH-HYB-C18
3.5	C18	50	4.6	5046-3.5-SH-HYB-C18
3.5	C18	100	4.6	10046-3.5-SH-HYB-C18
3.5	C18	150	4.6	15046-3.5-SH-HYB-C18
3.5	C18	250	4.6	25046-3.5-SH-HYB-C18
5.0	C18	100	2.1	10021-5-SH-HYB-C18
5.0	C18	150	2.1	15021-5-SH-HYB-C18
5.0	C18	150	3.0	15030-5-SH-HYB-C18
5.0	C18	150	4.6	15046-5-SH-HYB-C18
5.0	C18	250	4.6	25046-5-SH-HYB-C18

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	C18 Polar	50	2.1	5021-1.7-SH-HYB-C18P
1.7	C18 Polar	100	2.1	10021-1.7-SH-HYB-C18P
1.7	C18 Polar	150	2.1	15021-1.7-SH-HYB-C18P
1.7	C18 Polar	50	3.0	5030-1.7-SH-HYB-C18P
1.7	C18 Polar	100	3.0	10030-1.7-SH-HYB-C18P
1.7	C18 Polar	150	3.0	15030-1.7-SH-HYB-C18P
2.5	C18 Polar	50	2.1	5021-2.5-SH-HYB-C18P
2.5	C18 Polar	100	2.1	10021-2.5-SH-HYB-C18P
2.5	C18 Polar	150	2.1	15021-2.5-SH-HYB-C18P
2.5	C18 Polar	50	3.0	5030-2.5-SH-HYB-C18P
2.5	C18 Polar	100	3.0	10030-2.5-SH-HYB-C18P
2.5	C18 Polar	150	3.0	15030-2.5-SH-HYB-C18P
2.5	C18 Polar	50	4.6	5046-2.5-SH-HYB-C18P
2.5	C18 Polar	100	4.6	10046-2.5-SH-HYB-C18P
2.5	C18 Polar	150	4.6	15046-2.5-SH-HYB-C18P
2.5	C18 Polar	250	4.6	25046-2.5-SH-HYB-C18P
3.5	C18 Polar	50	2.1	5021-3.5-SH-HYB-C18P
3.5	C18 Polar	100	2.1	10021-3.5-SH-HYB-C18P
3.5	C18 Polar	150	2.1	15021-3.5-SH-HYB-C18P
3.5	C18 Polar	50	3.0	5030-3.5-SH-HYB-C18P
3.5	C18 Polar	100	3.0	10030-3.5-SH-HYB-C18P
3.5	C18 Polar	150	3.0	15030-3.5-SH-HYB-C18P
3.5	C18 Polar	50	4.6	5046-3.5-SH-HYB-C18P
3.5	C18 Polar	100	4.6	10046-3.5-SH-HYB-C18P
3.5	C18 Polar	150	4.6	15046-3.5-SH-HYB-C18P
3.5	C18 Polar	250	4.6	25046-3.5-SH-HYB-C18P

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
5.0	C18 Polar	100	2.1	10021-5-SH-HYB-C18P
5.0	C18 Polar	150	2.1	15021-5-SH-HYB-C18P
5.0	C18 Polar	150	3.0	15030-5-SH-HYB-C18P
5.0	C18 Polar	150	4.6	15046-5-SH-HYB-C18P
5.0	C18 Polar	250	4.6	25046-5-SH-HYB-C18P

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	C18 Shield	50	2.1	5021-1.7-SH-HYB-C18SH
1.7	C18 Shield	100	2.1	10021-1.7-SH-HYB-C18SH
1.7	C18 Shield	150	2.1	15021-1.7-SH-HYB-C18SH
1.7	C18 Shield	50	3.0	5030-1.7-SH-HYB-C18SH
1.7	C18 Shield	100	3.0	10030-1.7-SH-HYB-C18SH
1.7	C18 Shield	150	3.0	15030-1.7-SH-HYB-C18SH
2.5	C18 Shield	50	2.1	5021-2.5-SH-HYB-C18SH
2.5	C18 Shield	100	2.1	10021-2.5-SH-HYB-C18SH
2.5	C18 Shield	150	2.1	15021-2.5-SH-HYB-C18SH
2.5	C18 Shield	50	3.0	5030-2.5-SH-HYB-C18SH
2.5	C18 Shield	100	3.0	10030-2.5-SH-HYB-C18SH
2.5	C18 Shield	150	3.0	15030-2.5-SH-HYB-C18SH
2.5	C18 Shield	50	4.6	5046-2.5-SH-HYB-C18SH
2.5	C18 Shield	100	4.6	10046-2.5-SH-HYB-C18SH
2.5	C18 Shield	150	4.6	15046-2.5-SH-HYB-C18SH
2.5	C18 Shield	250	4.6	25046-2.5-SH-HYB-C18SH
3.5	C18 Shield	50	2.1	5021-3.5-SH-HYB-C18SH
3.5	C18 Shield	100	2.1	10021-3.5-SH-HYB-C18SH
3.5	C18 Shield	150	2.1	15021-3.5-SH-HYB-C18SH
3.5	C18 Shield	50	3.0	5030-3.5-SH-HYB-C18SH
3.5	C18 Shield	100	3.0	10030-3.5-SH-HYB-C18SH
3.5	C18 Shield	150	3.0	15030-3.5-SH-HYB-C18SH
3.5	C18 Shield	50	4.6	5046-3.5-SH-HYB-C18SH
3.5	C18 Shield	100	4.6	10046-3.5-SH-HYB-C18SH
3.5	C18 Shield	150	4.6	15046-3.5-SH-HYB-C18SH
3.5	C18 Shield	250	4.6	25046-3.5-SH-HYB-C18SH
5.0	C18 Shield	50	2.1	5021-5-SH-HYB-C18SH
5.0	C18 Shield	100	2.1	10021-5-SH-HYB-C18SH
5.0	C18 Shield	150	2.1	15021-5-SH-HYB-C18SH
5.0	C18 Shield	50	3.0	5030-5-SH-HYB-C18SH
5.0	C18 Shield	100	3.0	10030-5-SH-HYB-C18SH
5.0	C18 Shield	150	3.0	15030-5-SH-HYB-C18SH
5.0	C18 Shield	50	4.6	5046-5-SH-HYB-C18SH
5.0	C18 Shield	100	4.6	10046-5-SH-HYB-C18SH
5.0	C18 Shield	150	4.6	15046-5-SH-HYB-C18SH
5.0	C18 Shield	250	4.6	25046-5-SH-HYB-C18SH

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	C8	50	2.1	5021-1.7-SH-HYB-C8
1.7	C8	100	2.1	10021-1.7-SH-HYB-C8
1.7	C8	150	2.1	15021-1.7-SH-HYB-C8
1.7	C8	50	3.0	5030-1.7-SH-HYB-C8
1.7	C8	100	3.0	10030-1.7-SH-HYB-C8
1.7	C8	150	3.0	15030-1.7-SH-HYB-C8
2.5	C8	50	2.1	5021-2.5-SH-HYB-C8
2.5	C8	100	2.1	10021-2.5-SH-HYB-C8
2.5	C8	150	2.1	15021-2.5-SH-HYB-C8
2.5	C8	50	3.0	5030-2.5-SH-HYB-C8
2.5	C8	100	3.0	10030-2.5-SH-HYB-C8
2.5	C8	150	3.0	15030-2.5-SH-HYB-C8
2.5	C8	50	4.6	5046-2.5-SH-HYB-C8

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
2.5	C8	100	4.6	10046-2.5-SH-HYB-C8
2.5	C8	150	4.6	15046-2.5-SH-HYB-C8
2.5	C8	250	4.6	25046-2.5-SH-HYB-C8
3.5	C8	50	2.1	5021-3.5-SH-HYB-C8
3.5	C8	100	2.1	10021-3.5-SH-HYB-C8
3.5	C8	150	2.1	15021-3.5-SH-HYB-C8
3.5	C8	50	3.0	5030-3.5-SH-HYB-C8
3.5	C8	100	3.0	10030-3.5-SH-HYB-C8
3.5	C8	150	3.0	15030-3.5-SH-HYB-C8
3.5	C8	50	4.6	5046-3.5-SH-HYB-C8
3.5	C8	100	4.6	10046-3.5-SH-HYB-C8
3.5	C8	150	4.6	15046-3.5-SH-HYB-C8
3.5	C8	250	4.6	25046-3.5-SH-HYB-C8
5.0	C8	50	2.1	5021-5-SH-HYB-C8
5.0	C8	100	2.1	10021-5-SH-HYB-C8
5.0	C8	150	2.1	15021-5-SH-HYB-C8
5.0	C8	50	3.0	5030-5-SH-HYB-C8
5.0	C8	100	3.0	10030-5-SH-HYB-C8
5.0	C8	150	3.0	15030-5-SH-HYB-C8
5.0	C8	50	4.6	5046-5-SH-HYB-C8
5.0	C8	100	4.6	10046-5-SH-HYB-C8
5.0	C8	150	4.6	15046-5-SH-HYB-C8
5.0	C8	250	4.6	25046-5-SH-HYB-C8

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	Phenyl-Hexyl	50	2.1	5021-1.7-SH-HYB-PHHEX
1.7	Phenyl-Hexyl	100	2.1	10021-1.7-SH-HYB-PHHEX
1.7	Phenyl-Hexyl	150	2.1	15021-1.7-SH-HYB-PHHEX
1.7	Phenyl-Hexyl	50	3.0	5030-1.7-SH-HYB-PHHEX
1.7	Phenyl-Hexyl	100	3.0	10030-1.7-SH-HYB-PHHEX
1.7	Phenyl-Hexyl	150	3.0	15030-1.7-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	50	2.1	5021-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	100	2.1	10021-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	150	2.1	15021-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	50	3.0	5030-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	100	3.0	10030-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	150	3.0	15030-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	50	4.6	5046-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	100	4.6	10046-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	150	4.6	15046-2.5-SH-HYB-PHHEX
2.5	Phenyl-Hexyl	250	4.6	25046-2.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	50	2.1	5021-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	100	2.1	10021-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	150	2.1	15021-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	50	3.0	5030-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	100	3.0	10030-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	150	3.0	15030-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	50	4.6	5046-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	100	4.6	10046-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	150	4.6	15046-3.5-SH-HYB-PHHEX
3.5	Phenyl-Hexyl	250	4.6	25046-3.5-SH-HYB-PHHEX
5.0	Phenyl-Hexyl	100	2.1	10021-5-SH-HYB-PHHEX
5.0	Phenyl-Hexyl	150	2.1	15021-5-SH-HYB-PHHEX
5.0	Phenyl-Hexyl	150	3.0	15030-5-SH-HYB-PHHEX
5.0	Phenyl-Hexyl	50	4.6	5046-5-SH-HYB-PHHEX
5.0	Phenyl-Hexyl	100	4.6	10046-5-SH-HYB-PHHEX
5.0	Phenyl-Hexyl	150	4.6	15046-5-SH-HYB-PHHEX
5.0	Phenyl-Hexyl	250	4.6	25046-5-SH-HYB-PHHEX

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
3.5	Penta-Fluoro-Phenyl	50	2.1	5021-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	100	2.1	10021-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	150	2.1	15021-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	50	3.0	5030-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	100	3.0	10030-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	150	3.0	15030-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	50	4.6	5046-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	100	4.6	10046-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	150	4.6	15046-3.5-SH-HYB-PFP
3.5	Penta-Fluoro-Phenyl	250	4.6	25046-3.5-SH-HYB-PFP
5.0	Penta-Fluoro-Phenyl	100	2.1	10021-5-SH-HYB-PFP
5.0	Penta-Fluoro-Phenyl	150	2.1	15021-5-SH-HYB-PFP
5.0	Penta-Fluoro-Phenyl	150	3.0	15030-5-SH-HYB-PFP
5.0	Penta-Fluoro-Phenyl	150	4.6	15046-5-SH-HYB-PFP
5.0	Penta-Fluoro-Phenyl	250	4.6	25046-5-SH-HYB-PFP

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	Amide	50	2.1	5021-1.7-SH-HYB-AMD
1.7	Amide	100	2.1	10021-1.7-SH-HYB-AMD
1.7	Amide	150	2.1	15021-1.7-SH-HYB-AMD
1.7	Amide	30	3.0	3030-1.7-SH-HYB-AMD
1.7	Amide	50	3.0	5030-1.7-SH-HYB-AMD
1.7	Amide	100	3.0	10030-1.7-SH-HYB-AMD
1.7	Amide	150	3.0	15030-1.7-SH-HYB-AMD
2.5	Amide	50	2.1	5021-2.5-SH-HYB-AMD
2.5	Amide	100	2.1	10021-2.5-SH-HYB-AMD
2.5	Amide	150	2.1	15021-2.5-SH-HYB-AMD
2.5	Amide	50	3.0	5030-2.5-SH-HYB-AMD
2.5	Amide	100	3.0	10030-2.5-SH-HYB-AMD
2.5	Amide	150	3.0	15030-2.5-SH-HYB-AMD
2.5	Amide	50	4.6	5046-2.5-SH-HYB-AMD
2.5	Amide	100	4.6	10046-2.5-SH-HYB-AMD
2.5	Amide	150	4.6	15046-2.5-SH-HYB-AMD
2.5	Amide	250	4.6	25046-2.5-SH-HYB-AMD
3.5	Amide	50	2.1	5021-3.5-SH-HYB-AMD
3.5	Amide	100	2.1	10021-3.5-SH-HYB-AMD
3.5	Amide	150	2.1	15021-3.5-SH-HYB-AMD
3.5	Amide	50	3.0	5030-3.5-SH-HYB-AMD
3.5	Amide	100	3.0	10030-3.5-SH-HYB-AMD
3.5	Amide	150	3.0	15030-3.5-SH-HYB-AMD
3.5	Amide	50	4.6	5046-3.5-SH-HYB-AMD
3.5	Amide	100	4.6	10046-3.5-SH-HYB-AMD
3.5	Amide	150	4.6	15046-3.5-SH-HYB-AMD
3.5	Amide	250	4.6	25046-3.5-SH-HYB-AMD
5.0	Amide	100	2.1	10021-5.0-SH-HYB-AMD
5.0	Amide	150	2.1	15021-5.0-SH-HYB-AMD
5.0	Amide	150	3.0	15030-5.0-SH-HYB-AMD
5.0	Amide	150	4.6	15046-5.0-SH-HYB-AMD
5.0	Amide	250	4.6	25046-5.0-SH-HYB-AMD

5.0 - 7.0 - 10 µm Preparative columns available on demand

Hilic mode : analysis of highly polar compounds (Log P < 0.5)
(that cannot be done on C18) **under highly % of organic**

- 130Å - 185 m²/g Organic / Inorganic balance
- Anhydrous gas phase multiple end-capping technology
- 1.7 - 2.5 - 3.5 & 5.0 µm
- Excellent choice for method development up to preparative scale
- Strong pH stability 1 to 12
- High mechanical strength = longer column lifetime

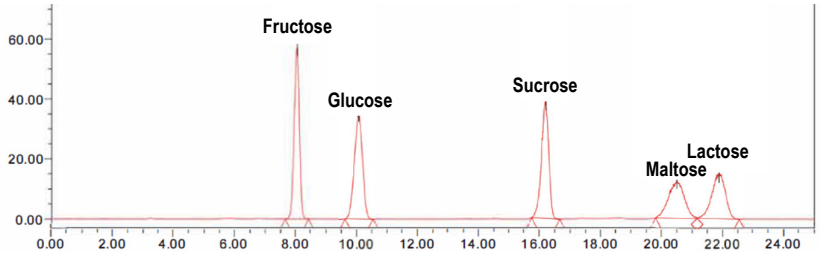
3 stationary phases available:

Hilic
USP L20
Design for highly polar compounds (Log P < 0.5) - that cannot be done on C18 - under highly % of organic
pH : 2 to 9

Amide
USP L68
Separation & Analysis of strong polar compounds in HILIC mode, not retained by C18.
pH : 2 to 11

Hilic - Zwitterionic
USP L114
Separation of Sugars, Organic Acids, Metabolites & Amino acids.
pH : 2 to 10. T. stability : 60°C

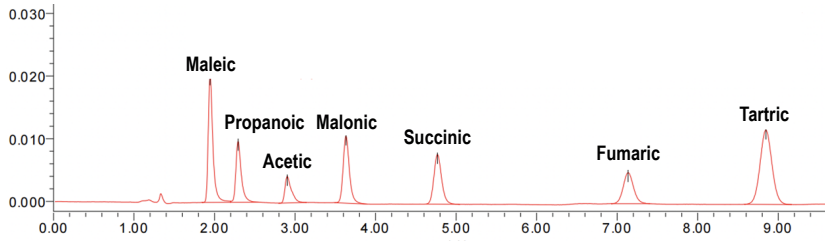
Example 1 - Sugars analysis
Shaper Hyb Amide 3.5 µm, 250 × 4.6 mm



Conditions
Mobile phase: Acetonitrile - 50 mM Ammonium Acetate + 0.5% Triethylamine (80:20)

Flow rate 1 ml/min | Detection ELSD | temp. 50°C

Example 2 - Organic acids analysis
Shaper Hyb Hilic-Z 3.5 µm, 150 × 4.6 mm



Conditions
Mobile phase: Acetonitrile - 0.02M K_2HPO_4, pH 6.0 (72:28)

Flow rate 1 ml/min | temp. 40°C

Product information

Hilic USP L20

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	Hilic	50	2.1	5021-1.7-SH-HYB-HLC
1.7	Hilic	100	2.1	10021-1.7-SH-HYB-HLC
1.7	Hilic	150	2.1	15021-1.7-SH-HYB-HLC
1.7	Hilic	50	3.0	5030-1.7-SH-HYB-HLC
1.7	Hilic	100	3.0	10030-1.7-SH-HYB-HLC
1.7	Hilic	150	3.0	15030-1.7-SH-HYB-HLC
2.5	Hilic	50	2.1	5021-2.5-SH-HYB-HLC
2.5	Hilic	100	2.1	10021-2.5-SH-HYB-HLC
2.5	Hilic	150	2.1	15021-2.5-SH-HYB-HLC
2.5	Hilic	50	3.0	5030-2.5-SH-HYB-HLC
2.5	Hilic	100	3.0	10030-2.5-SH-HYB-HLC
2.5	Hilic	150	3.0	15030-2.5-SH-HYB-HLC
2.5	Hilic	50	4.6	5046-2.5-SH-HYB-HLC
2.5	Hilic	100	4.6	10046-2.5-SH-HYB-HLC
2.5	Hilic	150	4.6	15046-2.5-SH-HYB-HLC
2.5	Hilic	250	4.6	25046-2.5-SH-HYB-HLC
3.5	Hilic	50	2.1	5021-3.5-SH-HYB-HLC
3.5	Hilic	100	2.1	10021-3.5-SH-HYB-HLC
3.5	Hilic	150	2.1	15021-3.5-SH-HYB-HLC
3.5	Hilic	50	3.0	5030-3.5-SH-HYB-HLC
3.5	Hilic	100	3.0	10030-3.5-SH-HYB-HLC
3.5	Hilic	150	3.0	15030-3.5-SH-HYB-HLC
3.5	Hilic	50	4.6	5046-3.5-SH-HYB-HLC
3.5	Hilic	100	4.6	10046-3.5-SH-HYB-HLC
3.5	Hilic	150	4.6	15046-3.5-SH-HYB-HLC
3.5	Hilic	250	4.6	25046-3.5-SH-HYB-HLC
5.0	Hilic	150	2.1	15021-5-SH-HYB-HLC
5.0	Hilic	150	3.0	15030-5-SH-HYB-HLC
5.0	Hilic	150	4.6	15046-5-SH-HYB-HLC
5.0	Hilic	250	4.6	25046-5-SH-HYB-HLC

Amide USP L68

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	Amide	50	2.1	5021-1.7-SH-HYB-AMD
1.7	Amide	100	2.1	10021-1.7-SH-HYB-AMD
1.7	Amide	150	2.1	15021-1.7-SH-HYB-AMD
1.7	Amide	30	3.0	3030-1.7-SH-HYB-AMD
1.7	Amide	50	3.0	5030-1.7-SH-HYB-AMD
1.7	Amide	100	3.0	10030-1.7-SH-HYB-AMD
1.7	Amide	150	3.0	15030-1.7-SH-HYB-AMD
2.5	Amide	50	2.1	5021-2.5-SH-HYB-AMD
2.5	Amide	100	2.1	10021-2.5-SH-HYB-AMD
2.5	Amide	150	2.1	15021-2.5-SH-HYB-AMD
2.5	Amide	50	3.0	5030-2.5-SH-HYB-AMD
2.5	Amide	100	3.0	10030-2.5-SH-HYB-AMD
2.5	Amide	150	3.0	15030-2.5-SH-HYB-AMD
2.5	Amide	50	4.6	5046-2.5-SH-HYB-AMD
2.5	Amide	100	4.6	10046-2.5-SH-HYB-AMD
2.5	Amide	150	4.6	15046-2.5-SH-HYB-AMD
2.5	Amide	250	4.6	25046-2.5-SH-HYB-AMD
3.5	Amide	50	2.1	5021-3.5-SH-HYB-AMD
3.5	Amide	100	2.1	10021-3.5-SH-HYB-AMD
3.5	Amide	150	2.1	15021-3.5-SH-HYB-AMD
3.5	Amide	50	3.0	5030-3.5-SH-HYB-AMD
3.5	Amide	100	3.0	10030-3.5-SH-HYB-AMD

Amide USP L68

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
3.5	Amide	150	3.0	15030-3.5-SH-HYB-AMD
3.5	Amide	50	4.6	5046-3.5-SH-HYB-AMD
3.5	Amide	100	4.6	10046-3.5-SH-HYB-AMD
3.5	Amide	150	4.6	15046-3.5-SH-HYB-AMD
3.5	Amide	250	4.6	25046-3.5-SH-HYB-AMD
5.0	Amide	100	2.1	10021-5.0-SH-HYB-AMD
5.0	Amide	150	2.1	15021-5.0-SH-HYB-AMD
5.0	Amide	150	3.0	15030-5.0-SH-HYB-AMD
5.0	Amide	150	4.6	15046-5.0-SH-HYB-AMD
5.0	Amide	250	4.6	25046-5.0-SH-HYB-AMD

Hilic - Zwitterionic USP L114

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
3.0	Hilic-Z	50	2.1	5021-3-SH-HYB-HLZ
3.0	Hilic-Z	100	2.1	10021-3-SH-HYB-HLZ
3.0	Hilic-Z	150	2.1	15021-3-SH-HYB-HLZ
3.0	Hilic-Z	50	3.0	5030-3-SH-HYB-HLZ
3.0	Hilic-Z	100	3.0	10030-3-SH-HYB-HLZ
3.0	Hilic-Z	150	3.0	15030-3-SH-HYB-HLZ
3.0	Hilic-Z	50	4.6	5046-3-SH-HYB-HLZ
3.0	Hilic-Z	100	4.6	10046-3-SH-HYB-HLZ
3.0	Hilic-Z	150	4.6	15046-3-SH-HYB-HLZ
3.0	Hilic-Z	250	4.6	25046-3-SH-HYB-HLZ

5.0 - 7.0 - 10 µm Preparative columns available on demand

imChem is a recognized French manufacturer of HPLC stationary phases and (u)HPLC columns.

Our packing technology guarantees the best silica bead compactness inside the column.

Our specific iso-density slurry for each stationary phase includes electrostatic effect suppressors to maximize slurry homogeneity during the packing process, especially with sub-2.0 µm particles. Each silica bead is therefore in perfect equilibrium with the others.

This leads to a high bed density, improving reproducibility and repeatability while guaranteeing a long column lifespan.

Shaper™ Hybrid Surface+
Analysis of Basic Drugs under acidic conditions

- 130Å - 185 m²/g Organic / Inorganic balance
- 1.7 - 2.5 - 3.5 & 5.0 µm
- **Surface + technology = Positively Charged Surface.**
- Excellente peak shape of basic compounds under hight acidic conditions.
- Good performance with low ionic strength mobile phase.
- Anhydrous gas phase multiple end-capping technology.

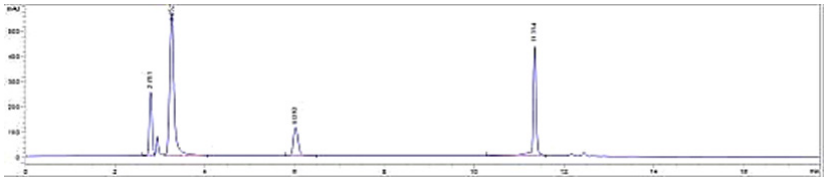
3 stationary phases available:

C18
USP L1
Hydrophobic mechanism of retention. Acids, Bases and Neutrals analysis. Excellent peak shape for basic drugs under acidic conditions.
pH : 1 to 11

Phenyl-Hexyl
USP L11
Orthogonal selectivity to C18, design for polar aromatic compounds analysis & moderately polar analytes.
pH : 1 to 11

Penta-Fluoro-Phenyl
USP L43
π-π interactions, dipole, hydrogen bonding, and ionic interactions to perform highly polar compound analysis.
pH : 1 to 8

Example
Analysis of amitriptyline under Acetonitrile / Phosphate buffer pH: 2.9



Conditions
Mobile phase: Mobile phase: Acetonitrile / Phosphate buffer pH 2.9

Product information
C18 USP L1

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	C18	50	2.1	5021-1.7-SH-HYB-SPC-C18
1.7	C18	100	2.1	10021-1.7-SH-HYB-SPC-C18
1.7	C18	150	2.1	15021-1.7-SH-HYB-SPC-C18
1.7	C18	50	3.0	5030-1.7-SH-HYB-SPC-C18
1.7	C18	100	3.0	10030-1.7-SH-HYB-SPC-C18
1.7	C18	150	3.0	15030-1.7-SH-HYB-SPC-C18
2.5	C18	50	2.1	5021-2.5-SH-HYB-SPC-C18
2.5	C18	100	2.1	10021-2.5-SH-HYB-SPC-C18
2.5	C18	150	2.1	15021-2.5-SH-HYB-SPC-C18
2.5	C18	50	3.0	5030-2.5-SH-HYB-SPC-C18
2.5	C18	100	3.0	10030-2.5-SH-HYB-SPC-C18
2.5	C18	150	3.0	15030-2.5-SH-HYB-SPC-C18
2.5	C18	50	4.6	5046-2.5-SH-HYB-SPC-C18
2.5	C18	100	4.6	10046-2.5-SH-HYB-SPC-C18
2.5	C18	150	4.6	15046-2.5-SH-HYB-SPC-C18
2.5	C18	250	4.6	25046-2.5-SH-HYB-SPC-C18
3.5	C18	50	2.1	5021-3.5-SH-HYB-SPC-C18
3.5	C18	100	2.1	10021-3.5-SH-HYB-SPC-C18
3.5	C18	150	2.1	15021-3.5-SH-HYB-SPC-C18
3.5	C18	50	3.0	5030-3.5-SH-HYB-SPC-C18
3.5	C18	100	3.0	10030-3.5-SH-HYB-SPC-C18
3.5	C18	150	3.0	15030-3.5-SH-HYB-SPC-C18

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
3.5	C18	50	4.6	5046-3.5-SH-HYB-SPC-C18
3.5	C18	100	4.6	10046-3.5-SH-HYB-SPC-C18
3.5	C18	150	4.6	15046-3.5-SH-HYB-SPC-C18
3.5	C18	250	4.6	25046-3.5-SH-HYB-SPC-C18
5.0	C18	100	2.1	10021-5-SH-HYB-SPC-C18
5.0	C18	150	2.1	15021-5-SH-HYB-SPC-C18
5.0	C18	150	3.0	15030-5-SH-HYB-SPC-C18
5.0	C18	150	4.6	15046-5-SH-HYB-SPC-C18
5.0	C18	250	4.6	25046-5-SH-HYB-SPC-C18

Phenyl-Hexyl USP L11

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
3.5	Phenyl-Hexyl	50	2.1	5021-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	100	2.1	10021-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	150	2.1	15021-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	50	3.0	5030-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	100	3.0	10030-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	150	3.0	15030-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	50	4.6	5046-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	100	4.6	10046-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	150	4.6	15046-3.5-SH-HYB-SPC-PHHEX
3.5	Phenyl-Hexyl	250	4.6	25046-3.5-SH-HYB-SPC-PHHEX
5.0	Phenyl-Hexyl	100	2.1	10021-5-SH-HYB-SPC-PHHEX
5.0	Phenyl-Hexyl	150	2.1	15021-5-SH-HYB-SPC-PHHEX
5.0	Phenyl-Hexyl	150	3.0	15030-5-SH-HYB-SPC-PHHEX
5.0	Phenyl-Hexyl	150	4.6	15046-5-SH-HYB-SPC-PHHEX
5.0	Phenyl-Hexyl	250	4.6	25046-5-SH-HYB-SPC-PHHEX

Penta-Fluoro-Phenyl USP L43

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
3.5	Penta-Fluoro-Phenyl	50	2.1	5021-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	100	2.1	10021-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	150	2.1	15021-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	50	3.0	5030-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	100	3.0	10030-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	150	3.0	15030-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	50	4.6	5046-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	100	4.6	10046-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	150	4.6	15046-3.5-SH-HYB-SPC-PFP
3.5	Penta-Fluoro-Phenyl	250	4.6	25046-3.5-SH-HYB-SPC-PFP
5.0	Penta-Fluoro-Phenyl	100	2.1	10021-5-SH-HYB-SPC-PFP
5.0	Penta-Fluoro-Phenyl	150	2.1	15021-5-SH-HYB-SPC-PFP
5.0	Penta-Fluoro-Phenyl	150	3.0	15030-5-SH-HYB-SPC-PFP
5.0	Penta-Fluoro-Phenyl	150	4.6	15046-5-SH-HYB-SPC-PFP
5.0	Penta-Fluoro-Phenyl	250	4.6	25046-5-SH-HYB-SPC-PFP

5.0 - 7.0 - 10 µm Preparative columns available on demand

Shaper™ High Mechanical Strength (HMS)
Methods HPLC transfer => UHPLC conditions

- 100Å - 230 m^2/g Organic / Inorganic balance
- 1.7 - 2.5 - 3.0 µm
- pH stability 1-to-8
- High Mechanical Strength => handles higher pressure & generate longer column lifetime.
- Compatible with 100% H_2O mobile phase

Stationary phases are available:

C18
USP L1

11% carbon content. Trifunctional bonding technology.
Hydrophobic retention mechanism. Acids, Bases and Neutrals compounds analysis. Enhances the retention of polar compounds under reverse phase conditions & reduce retention of hydrophobic compounds. Tri-functionalization allows shape recognition.

Product information
C18 Trif USP L1

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	C18 Trif	50	2.1	5021-1.7-SH-HMS-C18T
1.7	C18 Trif	100	2.1	10021-1.7-SH-HMS-C18T
1.7	C18 Trif	150	2.1	15021-1.7-SH-HMS-C18T
1.7	C18 Trif	30	3.0	3030-1.7-SH-HMS-C18T
1.7	C18 Trif	50	3.0	5030-1.7-SH-HMS-C18T
1.7	C18 Trif	100	3.0	10030-1.7-SH-HMS-C18T
1.7	C18 Trif	150	3.0	15030-1.7-SH-HMS-C18T
2.5	C18 Trif	30	2.1	3021-2.5-SH-HMS-C18T
2.5	C18 Trif	50	2.1	5021-2.5-SH-HMS-C18T
2.5	C18 Trif	100	2.1	10021-2.5-SH-HMS-C18T
2.5	C18 Trif	150	2.1	15021-2.5-SH-HMS-C18T
2.5	C18 Trif	30	3.0	3030-2.5-SH-HMS-C18T
2.5	C18 Trif	50	3.0	5030-2.5-SH-HMS-C18T
2.5	C18 Trif	100	3.0	10030-2.5-SH-HMS-C18T
2.5	C18 Trif	150	3.0	15030-2.5-SH-HMS-C18T
2.5	C18 Trif	250	3.0	25030-2.5-SH-HMS-C18T
2.5	C18 Trif	30	4.6	3046-2.5-SH-HMS-C18T
2.5	C18 Trif	50	4.6	5046-2.5-SH-HMS-C18T
2.5	C18 Trif	100	4.6	10046-2.5-SH-HMS-C18T
2.5	C18 Trif	150	4.6	15046-2.5-SH-HMS-C18T
2.5	C18 Trif	250	4.6	25046-2.5-SH-HMS-C18T
3.5	C18 Trif	30	2.1	3021-3.5-SH-HMS-C18T
3.5	C18 Trif	50	2.1	5021-3.5-SH-HMS-C18T
3.5	C18 Trif	100	2.1	10021-3.5-SH-HMS-C18T
3.5	C18 Trif	150	2.1	15021-3.5-SH-HMS-C18T
3.5	C18 Trif	30	3.0	3030-3.5-SH-HMS-C18T
3.5	C18 Trif	50	3.0	5030-3.5-SH-HMS-C18T
3.5	C18 Trif	100	3.0	10030-3.5-SH-HMS-C18T
3.5	C18 Trif	150	3.0	15030-3.5-SH-HMS-C18T
3.5	C18 Trif	250	3.0	25030-3.5-SH-HMS-C18T
3.5	C18 Trif	30	4.6	3046-3.5-SH-HMS-C18T
3.5	C18 Trif	50	4.6	5046-3.5-SH-HMS-C18T
3.5	C18 Trif	100	4.6	10046-3.5-SH-HMS-C18T
3.5	C18 Trif	150	4.6	15046-3.5-SH-HMS-C18T
3.5	C18 Trif	250	4.6	25046-3.5-SH-HMS-C18T

5.0 - 7.0 - 10 µm Preparative columns available on demand

Shaper™ 2 innovative technologies, a unique particle

- Nonporous silica center
- Surrounded by a porous Hybrid shell layer of 0,4 µm
- 100Å - 115 m^2/g Organic / Inorganic balance
- **160Å - 1000Å for Oligonucleotides, Peptides & Proteins analysis**
- 1.7 - 2.0 - 2.6 µm
- **pH stability 1-to-12**
- High Mechanical Strength => longer column lifetime.

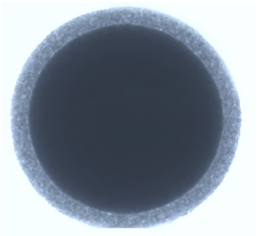
Stationary phases are available:

C18 Ultra Inert
USP L1

10% carbon content. Hydrophobic retention mechanism. Acids, Bases and Neutrals. Separation of basic drugs at high pH.

Phenyl-Hexyl
USP L11

6% carbon content. Orthogonal selectivity to C18. Polar aromatic compounds analysis.



Narrow paticles size distribution

Product information

100Å C18 Ultra Inert USP L1

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	C18 Ultra Inert	50	2.1	5021-1.7-SHPP-C18UI
1.7	C18 Ultra Inert	100	2.1	10021-1.7-SHPP-C18UI
1.7	C18 Ultra Inert	150	2.1	15021-1.7-SHPP-C18UI
1.7	C18 Ultra Inert	50	3.0	5030-1.7-SHPP-C18UI
1.7	C18 Ultra Inert	100	3.0	10030-1.7-SHPP-C18UI
1.7	C18 Ultra Inert	150	3.0	15030-1.7-SHPP-C18UI
1.7	C18 Ultra Inert	50	4.6	5046-1.7-SHPP-C18UI
1.7	C18 Ultra Inert	100	4.6	10046-1.7-SHPP-C18UI
1.7	C18 Ultra Inert	150	4.6	15046-1.7-SHPP-C18UI
2.6	C18 Ultra Inert	50	2.1	5021-2.6-SHPP-C18UI
2.6	C18 Ultra Inert	100	2.1	10021-2.6-SHPP-C18UI
2.6	C18 Ultra Inert	150	2.1	15021-2.6-SHPP-C18UI
2.6	C18 Ultra Inert	150	3.0	15030-2.6-SHPP-C18UI
2.6	C18 Ultra Inert	250	3.0	25030-2.6-SHPP-C18UI
2.6	C18 Ultra Inert	100	4.6	10046-2.6-SHPP-C18UI
2.6	C18 Ultra Inert	150	4.6	15046-2.6-SHPP-C18UI
2.6	C18 Ultra Inert	250	4.6	25046-2.6-SHPP-C18UI

Phenyl-Hexyl USP L11

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
1.7	Phenyl-Hexyl	50	2.1	5021-1.7-SHPP-PHEX
1.7	Phenyl-Hexyl	100	2.1	10021-1.7-SHPP-PHEX
1.7	Phenyl-Hexyl	150	2.1	15021-1.7-SHPP-PHEX
1.7	Phenyl-Hexyl	50	3.0	5030-1.7-SHPP-PHEX
1.7	Phenyl-Hexyl	100	3.0	10030-1.7-SHPP-PHEX
1.7	Phenyl-Hexyl	150	3.0	15030-1.7-SHPP-PHEX
1.7	Phenyl-Hexyl	50	4.6	5046-1.7-SHPP-PHEX
1.7	Phenyl-Hexyl	100	4.6	10046-1.7-SHPP-PHEX
1.7	Phenyl-Hexyl	150	4.6	15046-1.7-SHPP-PHEX
2.6	Phenyl-Hexyl	50	2.1	5021-2.6-SHPP-PHEX
2.6	Phenyl-Hexyl	100	2.1	10021-2.6-SHPP-PHEX
2.6	Phenyl-Hexyl	150	2.1	15021-2.6-SHPP-PHEX
2.6	Phenyl-Hexyl	150	3.0	15030-2.6-SHPP-PHEX
2.6	Phenyl-Hexyl	250	3.0	25030-2.6-SHPP-PHEX
2.6	Phenyl-Hexyl	100	4.6	10046-2.6-SHPP-PHEX
2.6	Phenyl-Hexyl	150	4.6	15046-2.6-SHPP-PHEX
2.6	Phenyl-Hexyl	250	4.6	25046-2.6-SHPP-PHEX

160Å for Oligonucleotides & Peptides analysis

C18 Ultra Inert USP L1

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
2.0	C18 Ultra Inert	50	2.1	5021-2.0-SHPP-160AC18UI
2.0	C18 Ultra Inert	100	2.1	10021-2.0-SHPP-160AC18UI
2.0	C18 Ultra Inert	150	2.1	15021-2.0-SHPP-160AC18UI
2.0	C18 Ultra Inert	100	3.0	10030-2.0-SHPP-160AC18UI
2.0	C18 Ultra Inert	150	3.0	15030-2.0-SHPP-160AC18UI
2.0	C18 Ultra Inert	50	4.6	5046-2.0-SHPP-160AC18UI
2.0	C18 Ultra Inert	100	4.6	10046-2.0-SHPP-160AC18UI
2.0	C18 Ultra Inert	150	4.6	15046-2.0-SHPP-160AC18UI
2.6	C18 Ultra Inert	50	2.1	5021-2.6-SHPP-160AC18UI
2.6	C18 Ultra Inert	100	2.1	10021-2.6-SHPP-160AC18UI
2.6	C18 Ultra Inert	150	2.1	15021-2.6-SHPP-160AC18UI
2.6	C18 Ultra Inert	150	3.0	15030-2.6-SHPP-160AC18UI
2.6	C18 Ultra Inert	250	3.0	25030-2.6-SHPP-160AC18UI
2.6	C18 Ultra Inert	100	4.6	10046-2.6-SHPP-160AC18UI
2.6	C18 Ultra Inert	150	4.6	15046-2.6-SHPP-160AC18UI
2.6	C18 Ultra Inert	250	4.6	25046-2.6-SHPP-160AC18UI

Phenyl-Hexyl USP L11

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
2.0	Phenyl-Hexyl	50	2.1	5021-2.0-SHPP-160APHEX
2.0	Phenyl-Hexyl	100	2.1	10021-2.0-SHPP-160APHEX
2.0	Phenyl-Hexyl	150	2.1	15021-2.0-SHPP-160APHEX
2.0	Phenyl-Hexyl	100	3.0	10030-2.0-SHPP-160APHEX
2.0	Phenyl-Hexyl	150	3.0	15030-2.0-SHPP-160APHEX
2.0	Phenyl-Hexyl	50	4.6	5046-2.0-SHPP-160APHEX
2.0	Phenyl-Hexyl	100	4.6	10046-2.0-SHPP-160APHEX
2.0	Phenyl-Hexyl	150	4.6	15046-2.0-SHPP-160APHEX
2.6	Phenyl-Hexyl	50	2.1	5021-2.6-SHPP-160APHEX
2.6	Phenyl-Hexyl	100	2.1	10021-2.6-SHPP-160APHEX
2.6	Phenyl-Hexyl	150	2.1	15021-2.6-SHPP-160APHEX
2.6	Phenyl-Hexyl	150	3.0	15030-2.6-SHPP-160APHEX
2.6	Phenyl-Hexyl	250	3.0	25030-2.6-SHPP-160APHEX
2.6	Phenyl-Hexyl	100	4.6	10046-2.6-SHPP-160APHEX
2.6	Phenyl-Hexyl	150	4.6	15046-2.6-SHPP-160APHEX
2.6	Phenyl-Hexyl	250	4.6	25046-2.6-SHPP-160APHEX

300Å for Peptides & Proteins analysis

C18 Ultra Inert USP L1

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
2.0	C18 Ultra Inert	50	2.1	5021-2.0-SHPP-300AC18UI
2.0	C18 Ultra Inert	100	2.1	10021-2.0-SHPP-300AC18UI
2.0	C18 Ultra Inert	150	2.1	15021-2.0-SHPP-300AC18UI
2.0	C18 Ultra Inert	100	3.0	10030-2.0-SHPP-300AC18UI
2.0	C18 Ultra Inert	150	3.0	15030-2.0-SHPP-300AC18UI
2.0	C18 Ultra Inert	50	4.6	5046-2.0-SHPP-300AC18UI
2.0	C18 Ultra Inert	100	4.6	10046-2.0-SHPP-300AC18UI
2.0	C18 Ultra Inert	150	4.6	15046-2.0-SHPP-300AC18UI
2.6	C18 Ultra Inert	50	2.1	5021-2.6-SHPP-300AC18UI
2.6	C18 Ultra Inert	100	2.1	10021-2.6-SHPP-300AC18UI
2.6	C18 Ultra Inert	150	2.1	15021-2.6-SHPP-300AC18UI
2.6	C18 Ultra Inert	150	3.0	15030-2.6-SHPP-300AC18UI
2.6	C18 Ultra Inert	250	3.0	25030-2.6-SHPP-300AC18UI
2.6	C18 Ultra Inert	100	4.6	10046-2.6-SHPP-300AC18UI
2.6	C18 Ultra Inert	150	4.6	15046-2.6-SHPP-300AC18UI
2.6	C18 Ultra Inert	250	4.6	25046-2.6-SHPP-300AC18UI

160Å

Phenyl-Hexyl USP L11

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
2.0	Phenyl-Hexyl	50	2.1	5021-2.0-SHPP-300APHEX
2.0	Phenyl-Hexyl	100	2.1	10021-2.0-SHPP-300APHEX
2.0	Phenyl-Hexyl	150	2.1	15021-2.0-SHPP-300APHEX
2.0	Phenyl-Hexyl	100	3.0	10030-2.0-SHPP-300APHEX
2.0	Phenyl-Hexyl	150	3.0	15030-2.0-SHPP-300APHEX
2.0	Phenyl-Hexyl	50	4.6	5046-2.0-SHPP-300APHEX
2.0	Phenyl-Hexyl	100	4.6	10046-2.0-SHPP-300APHEX
2.0	Phenyl-Hexyl	150	4.6	15046-2.0-SHPP-300APHEX
2.6	Phenyl-Hexyl	50	2.1	5021-2.6-SHPP-300APHEX
2.6	Phenyl-Hexyl	100	2.1	10021-2.6-SHPP-300APHEX
2.6	Phenyl-Hexyl	150	2.1	15021-2.6-SHPP-300APHEX
2.6	Phenyl-Hexyl	150	3.0	15030-2.6-SHPP-300APHEX
2.6	Phenyl-Hexyl	250	3.0	25030-2.6-SHPP-300APHEX
2.6	Phenyl-Hexyl	100	4.6	10046-2.6-SHPP-300APHEX
2.6	Phenyl-Hexyl	150	4.6	15046-2.6-SHPP-300APHEX
2.6	Phenyl-Hexyl	250	4.6	25046-2.6-SHPP-300APHEX

1000Å for Proteins analysis

C4 USP L26

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
2.6	C4	50	2.1	5021-2.6-SHPP-1MC4
2.6	C4	100	2.1	10021-2.6-SHPP-1MC4
2.6	C4	150	2.1	15021-2.6-SHPP-1MC4

Phenyl-Hexyl USP L11

Particle size (µm)	Stationary Phase	Length (mm)	ID (mm)	imChem item code
2.6	Phenyl-Hexyl	50	2.1	5021-2.6-SHPP-1MPHEX
2.6	Phenyl-Hexyl	100	2.1	10021-2.6-SHPP-1MPHEX
2.6	Phenyl-Hexyl	150	2.1	15021-2.6-SHPP-1MPHEX

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