



Inspire™ HPLC Columns

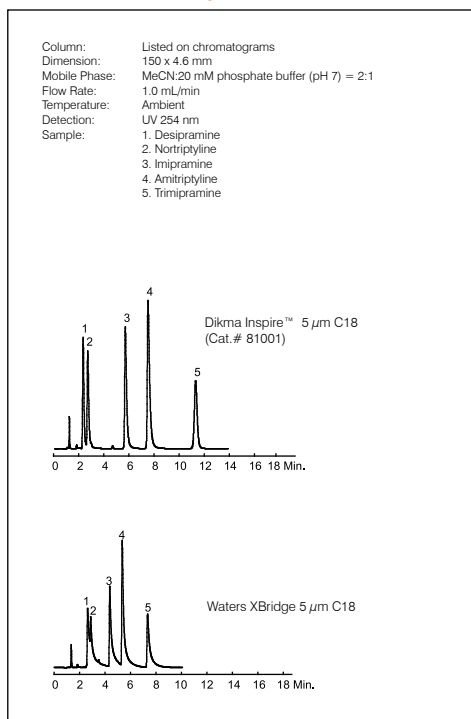
Features of Inspire™ Columns

- High efficiency
- Longer column lifetime
- Efficient method development
- Outstanding selectivity
- Extreme resolution
- Excellent batch-to-batch reproducibility

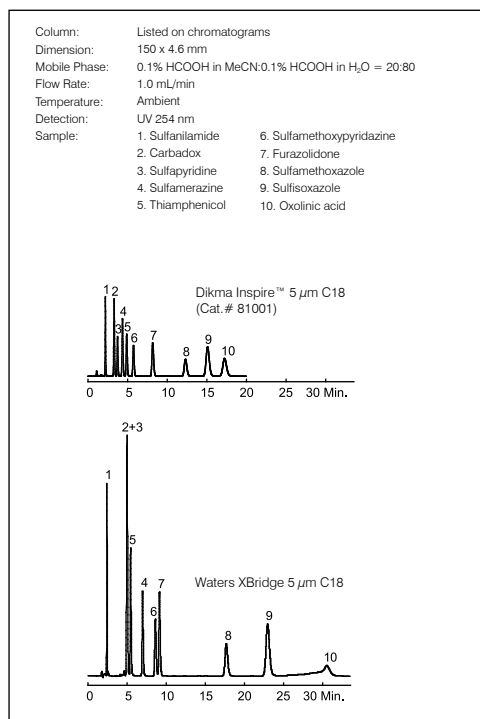
Inspire™ Material Characteristics

Bonded phase	Particle size (µm)	Pore size (Å)	Surface area (m ² /g)	Purity (%)	Phase density (µmol/m ²)	Carbon loading (%)	pH range	Endcapping
C18	3, 5, 10	100	440	> 99,999	3.9	27	1-11	Yes
C8	3, 5, 10	100	440	> 99,999	4.2	17	1-11	Yes
HILIC NEW	3, 5, 10	100	440	> 99,999	–	–	1.5-7.5	No
Diol NEW	3, 5, 10	100	440	> 99,999	2.1	7.5	2-7.5	No

TCA^s at Neutral pH Conditions*



Antibacterials*



* XBridge is a trademark of Waters Corporation. Dikma Technologies Inc. is not affiliated with the above company.

Inspire™ Ordering Information

3 μm Microbore Columns (2.1 mm ID)						Guard Cartridges, 2/pk
Phases	30 x 2.1	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1	10 x 2.1
Inspire™ C18	81030	81004	81012	81013	81015	6501
Inspire™ C8	81130	81104	81112	81113	81115	6502
Inspire™ HILIC	81430	81404	81412	81413	81415	–
Inspire™ Diol	81230	81204	81212	81213	81215	–
3 μm Analytical Columns (3.0 mm ID)						Guard Cartridges, 2/pk
Phases	30 x 3.0	50 x 3.0	100 x 3.0	150 x 3.0	250 x 3.0	10 x 2.1
Inspire™ C18	81029	81021	81022	81023	81024	6501
Inspire™ C8	81129	81121	81122	81123	81124	6502
Inspire™ HILIC	81429	81421	81422	81423	81424	–
Inspire™ Diol	81229	81221	81222	81223	81224	–
3 μm Analytical Columns (4.6 mm ID)						Guard Cartridges, 2/pk
Phases	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	10 x 4.0
Inspire™ C18	81031	81016	81017	81018	81020	6601
Inspire™ C8	81131	81116	81117	81118	81120	6602
Inspire™ HILIC	81431	81416	81417	81418	81420	–
Inspire™ Diol	81231	81216	81217	81218	81220	–
5 μm Microbore Columns (2.1 mm ID)						Guard Cartridges, 2/pk
Phases	30 x 2.1	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1	10 x 2.1
Inspire™ C18	81033	81003	81007	81002	81009	6503
Inspire™ C8	81133	81103	81107	81102	81109	6504
Inspire™ HILIC	81433	81403	81407	81402	81409	–
Inspire™ Diol	81233	81203	81207	81202	81209	–
5 μm Analytical Columns (3.0 mm ID)						Guard Cartridges, 2/pk
Phases	30 x 3.0	50 x 3.0	100 x 3.0	150 x 3.0	250 x 3.0	10 x 2.1
Inspire™ C18	81032	81025	81026	81027	81028	6503
Inspire™ C8	81132	81125	81126	81127	81128	6504
Inspire™ HILIC	81432	81425	81426	81427	81428	–
Inspire™ Diol	81232	81225	81226	81227	81228	–
5 μm Analytical Columns (4.6 mm ID)						Guard Cartridges, 2/pk
Phases	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	10 x 4.0
Inspire™ C18	81034	81010	81011	81001	81006	6603
Inspire™ C8	81134	81110	81111	81101	81106	6604
Inspire™ HILIC	81434	81410	81411	81401	81406	–
Inspire™ Diol	81234	81210	81211	81201	81247	–

EasyGuard™ Guard Holder: Cat.# 6220

5 μm and 10 μm Semi-preparative Columns						Guard Cartridges, 2/pk	
Phases	Particle Size (μm)	250 x 4.6	250 x 10.0	150 x 21.2	250 x 21.2	10 x 10.0	10 x 21.2
Inspire™ C18	5	81006	81038	81045	81039	6505	6506
Inspire™ C18	10	81035	81036	81046	81037	6511	6512
Inspire™ C8	5	81106	81138	81145	81139	6507	6508
Inspire™ C8	10	81135	81136	81146	81137	6513	6514
Inspire™ HILIC	5	81406	81438	81445	81439	–	–
Inspire™ HILIC	10	81435	81436	81446	81437	–	–
Inspire™ Diol	5	81247	81238	81245	81239	6509	6510
Inspire™ Diol	10	81235	81236	81246	81237	6515	6516

10 mm Guard Holder: Cat.# 6221; 21.2 mm Guard Holder: Cat.# 6222

Spursil™ HPLC Columns

Features of Spursil™ Columns

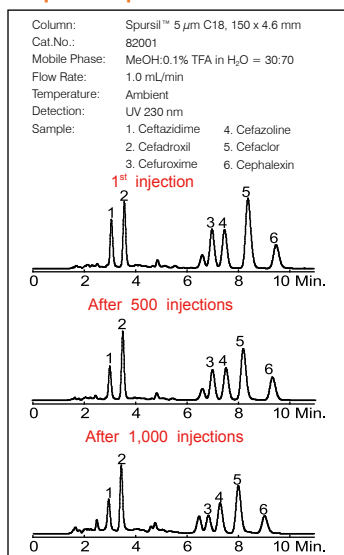
- Combine high-purity silica with unique polar modification technology
- Maintain characteristics of conventional reversed phases
- Unique selectivity and enhanced resolution
- Reduced silanol interactions and improved peak shape for basic analytes
- Stable retention in highly aqueous mobile phase conditions
- Enhanced retention for polar compounds
- Extended range pH stability
- Choose from a variety of selectivities and hardware formats



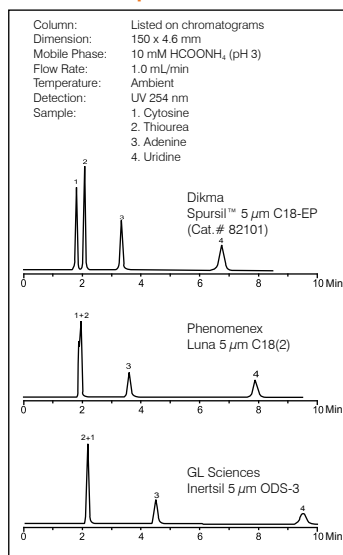
Spursil™ Material Characteristics

Bonded phase	Particle size (µm)	Pore size (Å)	Surface area (m²/g)	Purity (%)	Phase density (µmol/m²)	Carbon loading (%)	pH range	Endcapping
C18	3, 5, 10	100	440	> 99,999	3.5	25	1.5-10	Yes
C18-EP	3, 5, 10	100	440	> 99,999	3.4	24	1.5-10	Yes

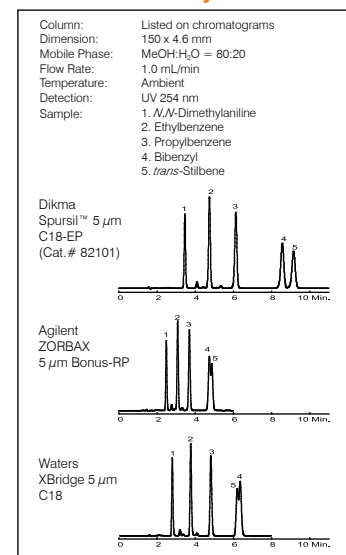
Cephalosporin



Polar Compounds*



Steric Selectivity*



* Inertsil is a registered trademark of GL Sciences Inc., Dikma Technologies Inc. is not affiliated with the above company.
 * Luna is a registered trademark of Phenomenex. Dikma Technologies Inc. is not affiliated with the above company.
 * ZORBAX is a registered trademark of Agilent Technologies. Dikma Technologies Inc. is not affiliated with the above company.
 * XBridge is a trademark of Waters Corporation. Dikma Technologies Inc. is not affiliated with the above company.

Spursil™ Ordering Information

3 µm Microbore Columns (2.1 mm ID)						5 µm Microbore Columns (2.1 mm ID)				
Phases	30 x 2.1	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1	30 x 2.1	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1
Spursil™ C18	82030	82004	82012	82013	82015	82033	82003	82007	82002	82009
Spursil™ C18-EP	82130	82104	82112	82113	82115	82133	82103	82107	82102	82109
3 µm Analytical Columns (3.0 mm ID)						5 µm Analytical Columns (3.0 mm ID)				
Phases	30 x 3.0	50 x 3.0	100 x 3.0	150 x 3.0	250 x 3.0	30 x 3.0	50 x 3.0	100 x 3.0	150 x 3.0	250 x 3.0
Spursil™ C18	82029	82021	82022	82023	82024	82032	82025	82026	82027	82028
Spursil™ C18-EP	82129	82121	82122	82123	82124	82132	82125	82126	82127	82128
3 µm Analytical Columns (4.6 mm ID)						5 µm Analytical Columns (4.6 mm ID)				
Phases	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	30 x 4.6	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6
Spursil™ C18	82031	82016	82017	82018	82020	82034	82010	82011	82001	82006
Spursil™ C18-EP	82131	82116	82117	82118	82120	82134	82110	82111	82101	82106

EasyGuard™ Guard Holder: Cat. # 6220