

# Pinnacle™ DB PFP Propyl and Biphenyl Columns

## new! Pinnacle™ DB PFP Propyl Columns (USP L43)

### Physical Characteristics:

particle size: 1.9µm, 3µm or 5µm, spherical      endcap: yes  
pore size: 140Å      pH range: 2.5 to 7.5  
carbon load: 6%      temperature limit: 80°C



Application	Page #
Benzodiazepines . . . . .	527

### Chromatographic Properties:

Pinnacle™ DB PFP Propyl is a unique pentafluorophenyl phase with a propyl spacer, and uses a highly base-deactivated spherical silica manufactured by Restek. This highly base-deactivated packing exhibits excellent peak shapes for a wide range of compounds, including nucleosides, nucleotides, and halogenated compounds.

Length	1.0mm ID cat.#	2.1mm ID cat.#	3.2mm ID cat.#	4.6mm ID cat.#
<b>1.9µm Columns</b>				
30mm		9419232		
50mm		9419252		
100mm		9419212		
<b>3µm Columns</b>				
30mm	9419331	9419332	9419333	9419335
50mm	9419351	9419352	9419353	9419355
100mm	9419311	9419312	9419313	9419315
150mm	9419361	9419362	9419363	9419365
<b>5µm Columns</b>				
30mm	9419531	9419532	9419533	9419535
50mm	9419551	9419552	9419553	9419555
100mm	9419511	9419512	9419513	9419515
150mm	9419561	9419562	9419563	9419565
200mm	9419521	9419522	9419523	9419525
250mm	9419571	9419572	9419573	9419575

## for more info

See page 306 for more information on our new 1.9µm Pinnacle™ DB columns.

## new! Pinnacle™ DB Biphenyl Columns (USP L11)

### Physical Characteristics:

particle size: 1.9µm, 3µm or 5µm, spherical      endcap: yes  
pore size: 140Å      pH range: 2.5 to 7.5  
carbon load: 8%      temperature limit: 80°C



Application	Page #
Steroids . . . . .	555

### Chromatographic Properties:

Pinnacle™ DB Biphenyl is a unique reversed phase material that displays both increased retention and selectivity for aromatic and/or unsaturated compounds when compared to conventional alkyl and phenyl phases. Highly base-deactivated spherical silica manufactured by Restek. An excellent choice for the analysis of steroids, tetracyclines, drug metabolites, and other compounds that contain some degree of unsaturation.

Length	1.0mm ID cat.#	2.1mm ID cat.#	3.2mm ID cat.#	4.6mm ID cat.#
<b>1.9µm Columns</b>				
30mm		9409232		
50mm		9409252		
100mm		9409212		
<b>3µm Columns</b>				
30mm	9409331	9409332	9409333	9409335
50mm	9409351	9409352	9409353	9409355
100mm	9409311	9409312	9409313	9409315
150mm	9409361	9409362	9409363	9409365
<b>5µm Columns</b>				
30mm	9409531	9409532	9409533	9409535
50mm	9409551	9409552	9409553	9409555
100mm	9409511	9409512	9409513	9409515
150mm	9409561	9409562	9409563	9409565
200mm	9409521	9409522	9409523	9409525
250mm	9409571	9409572	9409573	9409575



**Cathy Hetrick**  
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