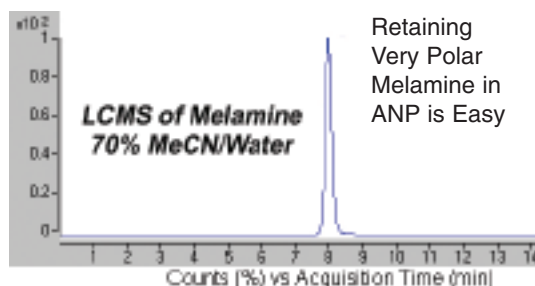


## The “Metabolomics” HPLC Column

- Excellent Peak Shape
- Useful for the Highly Polar Compounds
- Retain Amino Acids without Derivatizing them

### Specifications

Carbon Load	2%
Particle Size	4µm
Pore Size	100Å
Pore Volume	0.92mL/gm
Surface Area	350m <sup>2</sup> /gm
Trace Metals	<20ppm
Temp Range	Up to 80°C
pH Range	2.0 – 8.0
<i>patent pending.</i>	



The Cogent Diamond Hydride™ column is the best choice for metabolites, amino acids, carbohydrates and small organic acids in the TYPE-

C™ suite of columns. Used to retain very polar compounds in Aqueous Normal Phase, this column is very popular for people working in metabolomics, as well as in environmental and food chemistry labs. Completely free of surface silanols, these columns produce excellent peak shape and unique retention capabilities for compounds that you never think can be retained in HPLC. These columns are very reproducible and provide very unique selectivity and can be used in ANP, NPC and even Reverse Phase mode.

For more information: [www.mtc-usa.com/hplc/diamond\\_hydride.asp](http://www.mtc-usa.com/hplc/diamond_hydride.asp)

Cat. No.	Description
70000-05P	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 4.6mm x 50mm Standard End Fittings
70000-05P-1	Cogent Diamond Hydride HPLC Column. 4µm, 100Å, 1.0mm x 50mm Standard End Fittings
70000-05P-2	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 2.1mm x 50mm Standard End Fittings
70000-05P-3	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 3.0mm x 50mm Standard End Fittings
70000-10P	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 4.6mm x 100mm Standard End Fittings
70000-10P-1	Cogent Diamond Hydride HPLC Column. 4µm, 100Å, 1.0mm x 100mm Standard End Fittings
70000-10P-2	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 2.1mm x 100mm Standard End Fittings
70000-15P	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 4.6mm x 150mm Standard End Fittings
70000-15P-1	Cogent Diamond Hydride HPLC Column. 4µm, 100Å, 1.0mm x 150mm Standard End Fittings
70000-15P-2	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 2.1mm x 150mm Standard End Fittings
70000-25P	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 4.6mm x 250mm Standard End Fittings
70000-25P-2	Cogent Diamond Hydride HPLC Column. 4µm, 100Å, 2.1mm x 250mm Standard End Fittings
70000-7.5P	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 4.6mm x 75mm Standard End Fittings
70000-7.5P-2	Cogent Diamond Hydride HPLC Column, 4µm, 100Å, 2.1mm x 75mm Standard End Fittings

Other sizes are available, please inquire.

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