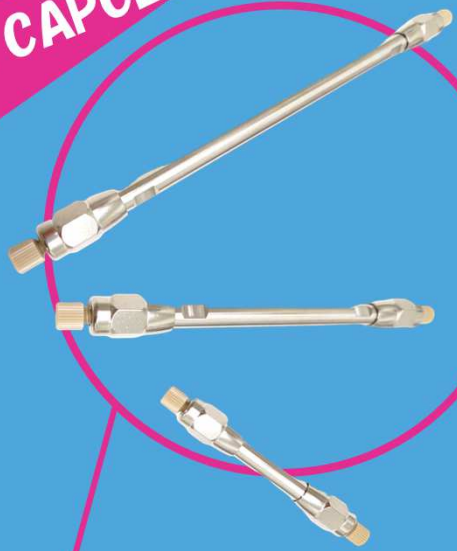


# HPPLC What is CAPCELL PAK INERT?



High pressure resistance!

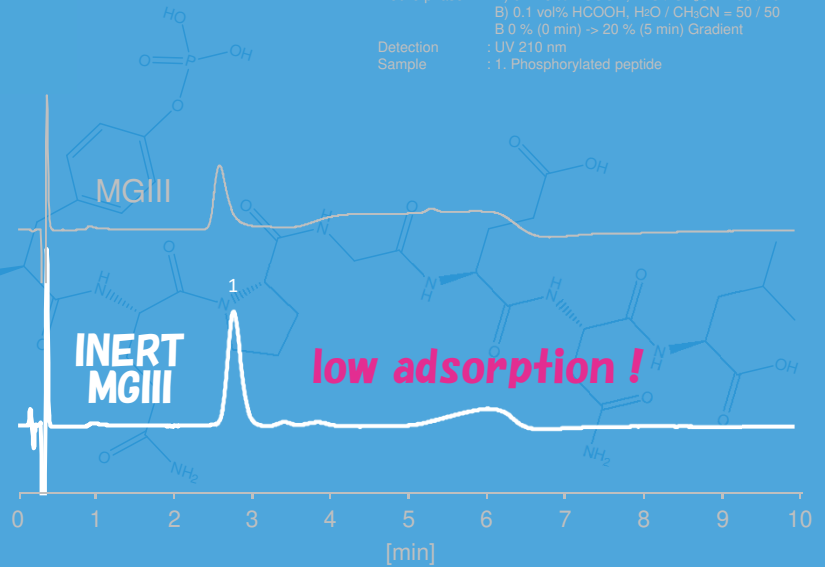
Improved from 20 MPa to

**50 MPa** with **3 μm**

Are you dealing with demanding substances tend to coordinate with metals?

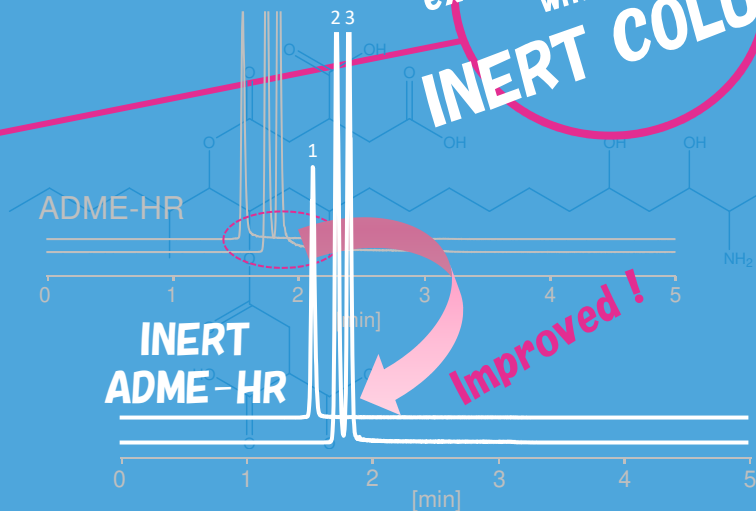
**[HPLC Conditions]**

Column size : S3 ; 2.0 mm i.d. x 50 mm  
 Mobile phase : A) 0.1 vol% HCOOH, H<sub>2</sub>O / CH<sub>3</sub>CN = 90 / 10  
 B) 0.1 vol% HCOOH, H<sub>2</sub>O / CH<sub>3</sub>CN = 50 / 50  
 B 0 % (0 min) -> 20 % (5 min) Gradient  
 Detection : UV 210 nm  
 Sample : 1. Phosphorylated peptide



**[HPLC Conditions]**

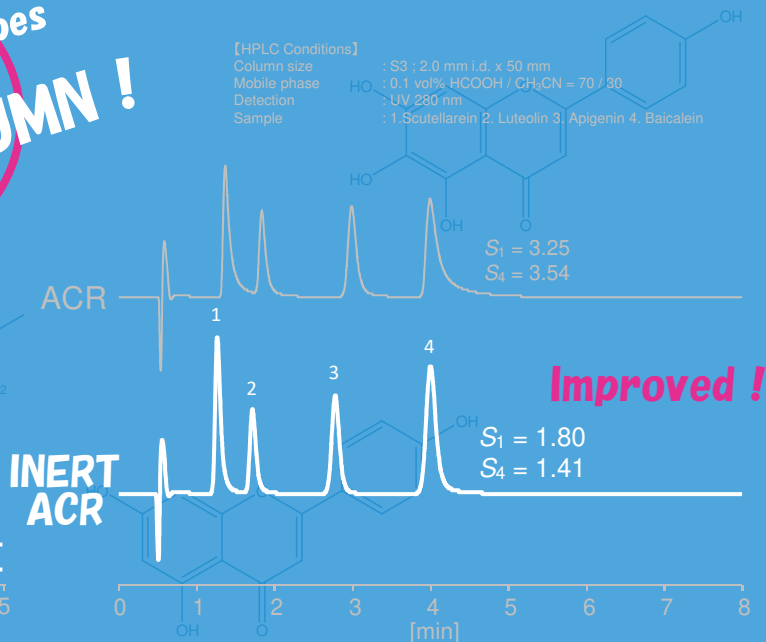
Column size : S3 ; 2.0 or 2.1 mm i.d. x 50 mm  
 Mobile phase : A) 0.1 vol% HCOOH B) 0.1 vol% HCOOH, CH<sub>3</sub>CN  
 B 20 % (0 min) -> 80 % (2.5 min) Gradient  
 Detection : MS/MS (Positive)  
 Sample : 1. Fumonisin B1 2. Fumonisin B3 3. Fumonisin B2



You can achieve excellent peak shapes with our **INERT COLUMN!**

**[HPLC Conditions]**

Column size : S3 ; 2.0 mm i.d. x 50 mm  
 Mobile phase : 0.1 vol% HCOOH / CH<sub>3</sub>CN = 70 / 30  
 Detection : UV 280 nm  
 Sample : 1. Scutellarein 2. Luteolin 3. Apigenin 4. Baicalein



# Product lineup



## <CAPCELL PAK INERT C<sub>18</sub> MG III>

Functional group	Pore size(Å)	Particle size(μm)	Specific surface area (m <sup>2</sup> /g)	C%	Density (μ mol/m <sup>2</sup> )	Pressure resistance (MPa)	Useable pH range	USP
C18(Octadecyl)	100	2	300	15	2.4	80	2~10	L1
C18(Octadecyl)	100	3	300	15	2.4	50	2~10	L1

Product Code	Product name	Particle size (μm)	I.D. (mm)	Length (mm)
95063	CAPCELL PAK INERT C18 MGIII (S2) 2.0 X 50	2	2.0	50
95064	CAPCELL PAK INERT C18 MGIII (S2) 2.0 X 100	2	2.0	100
95065	CAPCELL PAK INERT C18 MGIII (S2) 2.0 X 150	2	2.0	150
95073	CAPCELL PAK INERT C18 MGIII (S3) 2.0 X 50	3	2.0	50
95074	CAPCELL PAK INERT C18 MGIII (S3) 2.0 X 100	3	2.0	100
95075	CAPCELL PAK INERT C18 MGIII (S3) 2.0 X 150	3	2.0	150

## <CAPCELL PAK INERT C<sub>18</sub> ACR>

Functional group	Pore size(Å)	Particle size(μm)	Specific surface area (m <sup>2</sup> /g)	C%	Density (μ mol/m <sup>2</sup> )	Pressure resistance (MPa)	Useable pH range	USP
C18(Octadecyl)	80	3	300	17	2.6	50	1~10	L1

Product Code	Product name	Particle size (μm)	I.D. (mm)	Length (mm)
95041	CAPCELL PAK INERT C18 ACR (S3) 2.0 X 50	3	2.0	50
95042	CAPCELL PAK INERT C18 ACR (S3) 2.0 X 100	3	2.0	100
95043	CAPCELL PAK INERT C18 ACR (S3) 2.0 X 150	3	2.0	150

## <CAPCELL PAK INERT ADME-HR>

Functional group	Pore size(Å)	Particle size(μm)	Specific surface area (m <sup>2</sup> /g)	C%	Density (μ mol/m <sup>2</sup> )	Pressure resistance (MPa)	Useable pH range	USP
Adamantyl	100	2	310	12	2.7	80	2~9	-
Adamantyl	100	3	310	12	2.7	50	2~9	-

Product Code	Product name	Particle size (μm)	I.D. (mm)	Length (mm)
95023	CAPCELL PAK INERT ADME-HR (S2) 2.0 X 50	2	2.0	50
95024	CAPCELL PAK INERT ADME-HR (S2) 2.0 X 100	2	2.0	100
95025	CAPCELL PAK INERT ADME-HR (S2) 2.0 X 150	2	2.0	150
95001	CAPCELL PAK INERT ADME-HR (S3) 2.0 X 50	3	2.0	50
95002	CAPCELL PAK INERT ADME-HR (S3) 2.0 X 100	3	2.0	100
95003	CAPCELL PAK INERT ADME-HR (S3) 2.0 X 150	3	2.0	150

## <CAPCELL PAK INERT C<sub>8</sub> DD>

Functional group	Pore size(Å)	Particle size(μm)	Specific surface area (m <sup>2</sup> /g)	C%	Density (μ mol/m <sup>2</sup> )	Pressure resistance (MPa)	Useable pH range	USP
C8(Octyl)	80	3	300	11	3.8	50	1.5~10	L7

Product Code	Product name	Particle size (μm)	I.D. (mm)	Length (mm)
95100	CAPCELL PAK INERT C8 DD (S3) 2.0 X 50	3	2.0	50
95101	CAPCELL PAK INERT C8 DD (S3) 2.0 X 100	3	2.0	100
95102	CAPCELL PAK INERT C8 DD (S3) 2.0 X 150	3	2.0	150