

Begin the Beginning!



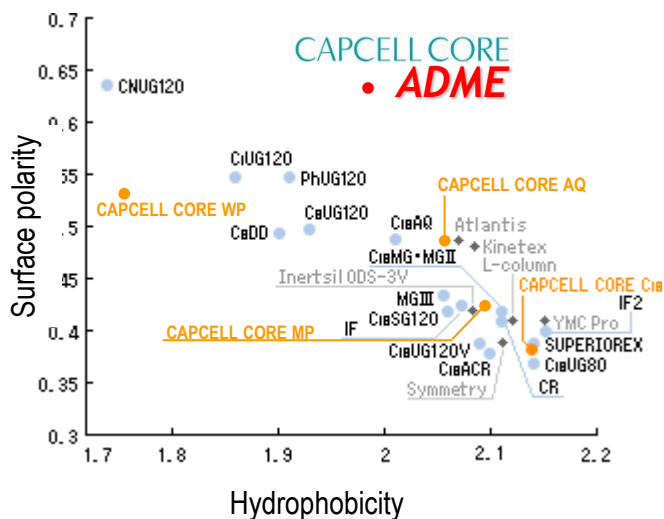
CAPCELL CORE

SHISEIDO

ADME

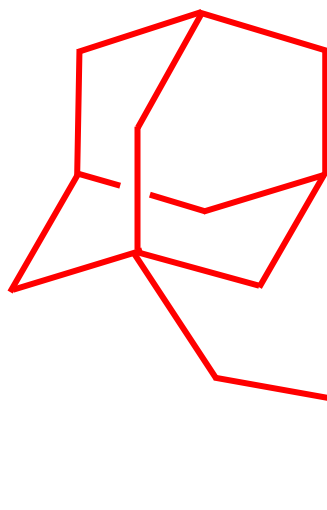
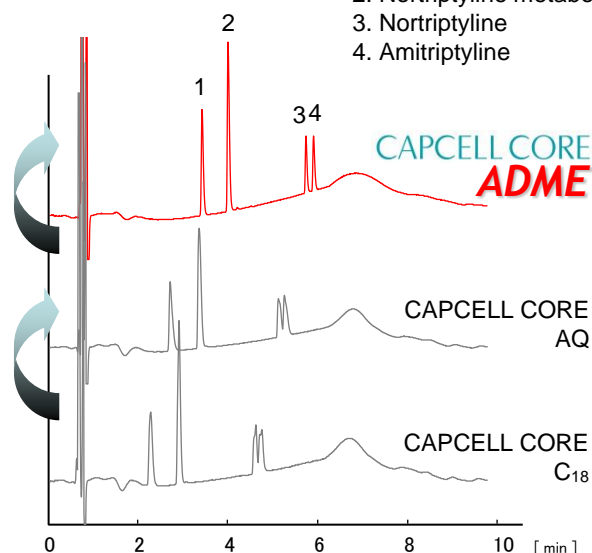
Novel separation for you

Adamantyl (ADME) group, having high hydrophobicity and surface polarity, brings a very different selectivity to your separation!



CAPCELL CORE ADME shows increased retention and resolution in applications of metabolites.

1. Amitriptyline metabolite
2. Nortriptyline metabolite
3. Nortriptyline
4. Amitriptyline



For separations given up before

For separations to be challenged

ADME

AUTHORIZED DISTRIBUTOR

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SHISEIDO HPLC

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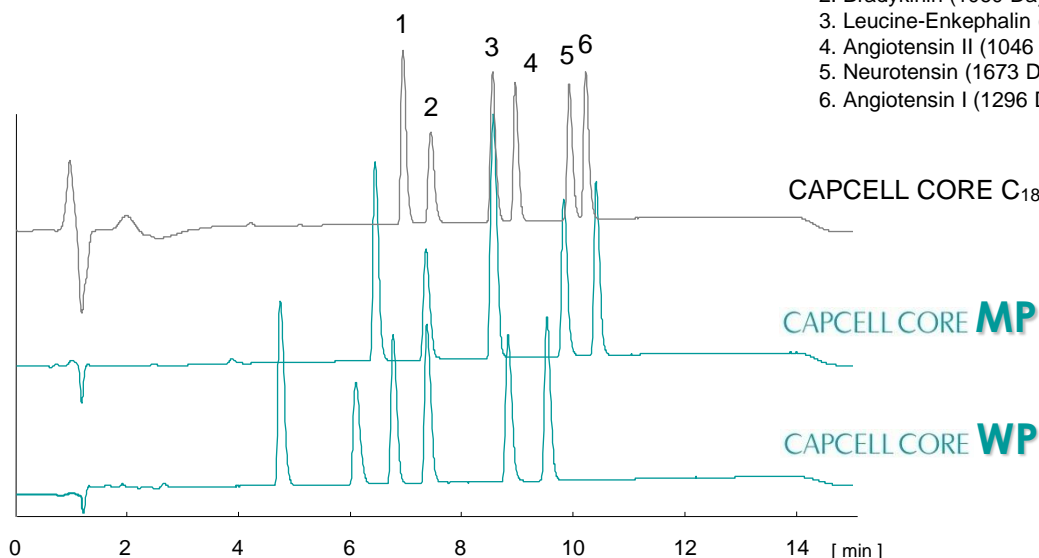
CAPCELL CORE *Now available with wide pores*

Two pore sizes, **MP** (16 nm) and **WP** (30 nm), were added to the CAPCELL CORE series.

The two products, developed by optimizing the C₁₈ introduction technology, were intended to provide different separation selectivity for analysis of proteins and peptides. Please choose the best fit for your separation needs.

Selectivity difference among different pore size

1. Methionine-Enkephalin (574 Da)
2. Bradykinin (1060 Da)
3. Leucine-Enkephalin (556 Da)
4. Angiotensin II (1046 Da)
5. Neurotensin (1673 Da)
6. Angiotensin I (1296 Da)



MP

Functional group	Particle (µm)	Pore (nm)	Surface area (m ² /g)	C%	pH range	Pressure (Max MPa)
C ₁₈	2.7	16	90	5	2 – 10	60

P/N	Inner diameter (mm)	Length (mm)	P/N	Inner diameter (mm)	Length (mm)
51212	2.1	35	51224	4.6	50
51213	2.1	50	51225	4.6	75
51214	2.1	75	51226	4.6	100
51215	2.1	100	51227	4.6	150
51216	2.1	150			

WP

Functional group	Particle (µm)	Micro-pore (nm)	Surface area (m ² /g)	C%	pH range	Pressure (Max MPa)
C ₁₈	2.7	30	40	1.3	2 – 10	60 ※48

P/N	Inner diameter (mm)	Length (mm)	P/N	Inner diameter (mm)	Length (mm)
51232	2.1	35	51244 ※	4.6	50
51233	2.1	50	51245 ※	4.6	75
51234	2.1	75	51246 ※	4.6	100
51235	2.1	100	51247 ※	4.6	150
51236	2.1	150			

※The Max pressure is 48 Mpa because of the larger micro pore

ADME

Functional group	Particle (µm)	Micro-pore (nm)	Surface area (m ² /g)	C%	pH range	Pressure (Max MPa)
Ademantyl group	2.7	9	150	5.5	2 – 9	60

P/N	Inner diameter (mm)	Length (mm)	P/N	Inner diameter (mm)	Length (mm)
51182	2.1	35	51188	3.0	50
51183	2.1	50	51190	3.0	100
51183	2.1	75	51193	4.6	50
51185	2.1	100	51195	4.6	100
51186	2.1	150			