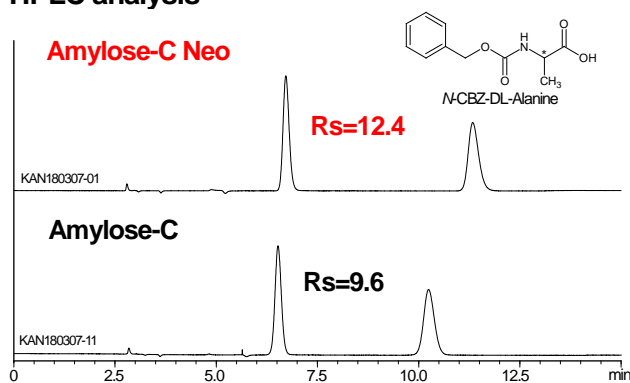


CHIRAL ART Amylose-C Neo/Alcyon SFC CSP Amylose-C Neo now on sale!

We have launched columns for chiral separation, CHIRAL ART Amylose-C Neo/Alcyon SFC CSP Amylose-C Neo. Amylose-C Neo is a grade-up column of Amylose-C with improved resolution for both HPLC and SFC. They are also superior in purification under high loading and improve purification efficiency and productivity.

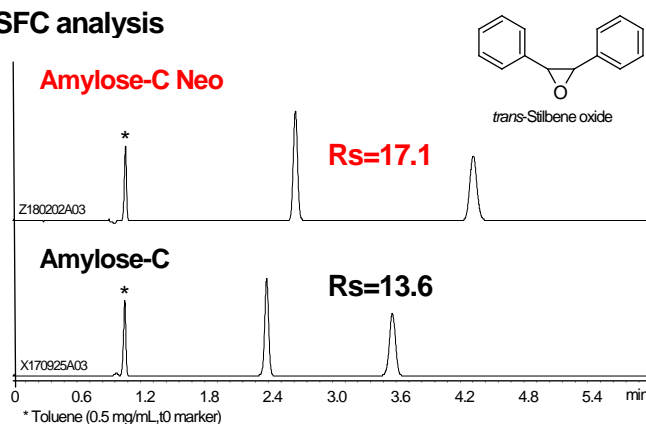
Improved Resolution

HPLC analysis



Column	: 5 μ m, 250 X 4.6 mm I.D.
Eluent	: <i>n</i> -hexane/2-propanol/TFA (80/20/0.1)
Flow rate	: 1.0 mL/min
Temperature	: 25°C
Detection	: UV at 254 nm
Injection	: 1 μ L (15 mg/mL)

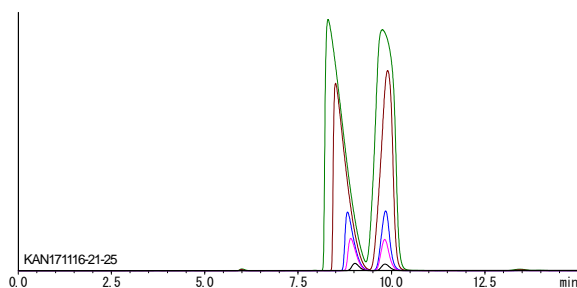
SFC analysis



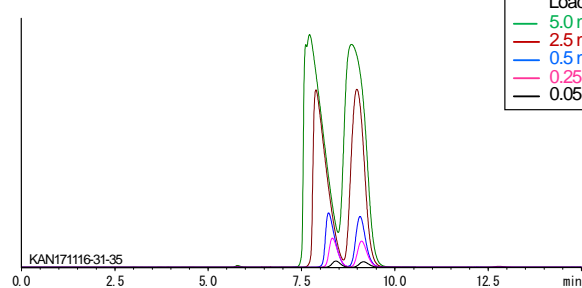
Column	: 5 μ m, 250 X 4.6 mm I.D.
Eluent	: CO ₂ /methanol (80/20)
Flow rate	: 3.0 mL/min
Temperature	: 40°C
Detection	: UV at 230 nm
Back pressure	: 13.8 MPa
Injection	: 5 μ L (0.1 mg/mL)

Excellent Peak Shape under High Loading

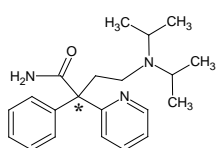
Amylose-C Neo



Amylose-C



Loading	
—	5.0 mg
—	2.5 mg
—	0.5 mg
—	0.25 mg
—	0.05 mg



Column	: 5 μ m, 250 X 4.6 mm I.D.
Eluent	: <i>n</i> -hexane/2-propanol/diethylamine (90/10/0.1)
Flow rate	: 1.0 mL/min
Temperature	: 25°C
Detection	: UV at 290 nm
Sample	: Disopyramide (50 mg/mL)

Product list

CHIRAL ART (Columns for HPLC)

Packing material	Particle size (µm)	Column size inner diameter X length (mm)	Product number
Amylose-C Neo	3	2.0 X 75	KBN99S03-L502WT
		2.0 X 100	KBN99S03-1002WT
		2.0 X 150	KBN99S03-1502WT
		2.0 X 250	KBN99S03-2502WT
		3.0 X 50	KBN99S03-0503WT
		3.0 X 75	KBN99S03-L503WT
		3.0 X 100	KBN99S03-1003WT
		3.0 X 150	KBN99S03-1503WT
		3.0 X 250	KBN99S03-2503WT
		4.6 X 50	KBN99S03-0546WT
		4.6 X 75	KBN99S03-L546WT
		4.6 X 100	KBN99S03-1046WT
		4.6 X 150	KBN99S03-1546WT
		4.6 X 250	KBN99S03-2546WT
	5	4.6 X 150	KBN99S05-1546WT
		4.6 X 250	KBN99S05-2546WT
		10 X 250	KBN99S05-2510WT
		20 X 250	KBN99S05-2520WX
		30 X 250	KBN99S05-2530WX

* See our website for guard cartridge columns.

Alcyon SFC CSP (Columns for SFC)

Packing material	Particle size (µm)	Column size inner diameter X length (mm)	Product number
Amylose-C Neo	3	2.1 X 150	KBN99S03-15Q1WTS
		3.0 X 50	KBN99S03-0503WTS
		3.0 X 100	KBN99S03-1003WTS
		3.0 X 150	KBN99S03-1503WTS
		4.6 X 150	KBN99S03-1546WTS
		4.6 X 250	KBN99S03-2546WTS
	5	2.1 X 150	KBN99S05-15Q1WTS
		4.6 X 150	KBN99S05-1546WTS
		4.6 X 250	KBN99S05-2546WTS
		10 X 250	KBN99S05-2510WTS
		20 X 250	KBN99S05-2520WTS

* Contact us for the delivery date.