

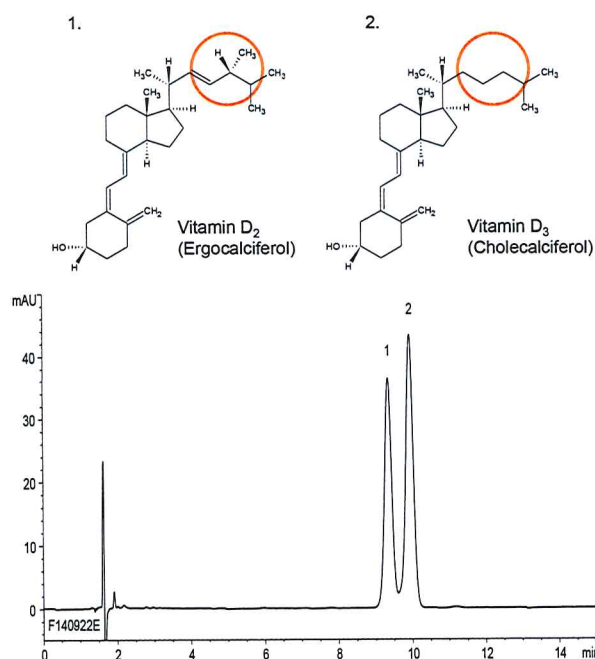
YMC-Triart C18 ExRS

1.9 µm, 3 µm, 5 µm
UHPLC · HPLC

- Alternative selectivity to standard C18 columns
- For highly hydrophobic compounds
- For closely related substance like positional isomers
- Extended pH range and stability

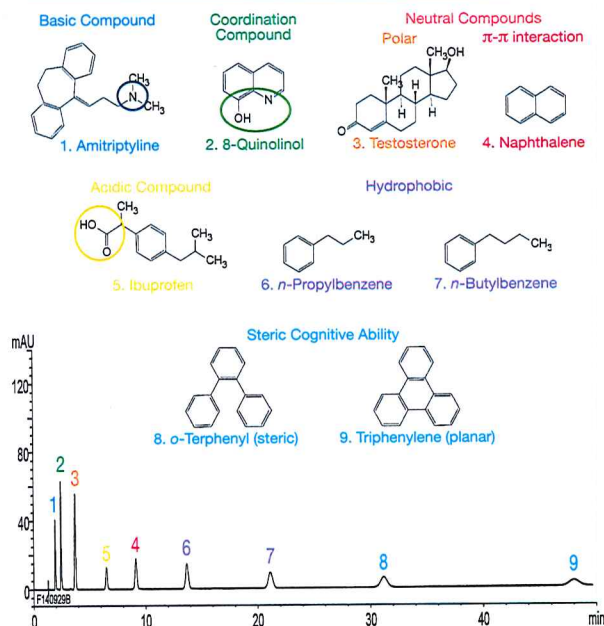
NEW

Structural analogs



Column: YMC-Triart C18 ExRS, 5 µm, 8 nm (150 x 3.0 mm ID)
Part-No.: TAR08S05-1503PTH
Eluent: THF / acetonitrile (10/90)
Flow rate: 0.425 ml/min
Detection: UV at 265 nm
Injection: 4.25 µl (10 µg/ml)
Temperature: 30 °C

High hydrophobicity and high steric recognition ability



Column: YMC-Triart C18 ExRS, 5 µm, 8 nm (150 x 3.0 mm ID)
Part-No.: TAR08S05-1503PTH
Eluent: 20 mM HCOOH-HCOONH₄ (pH 4.3) / acetonitrile (90/10)
Flow rate: 1.0 ml/min
Detection: UV at 254 nm
Injection: 2 µl (10 µg/ml)
Temperature: 25 °C

Application data by courtesy YMC Co. Ltd.

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The Selectivity Company
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YMC-Triart C18 ExRS

1.9 μm , 3 μm , 5 μm
UHPLC · HPLC

Specification

	YMC-Triart C18 ExRS
Base	organic/inorganic silica
Stationary phase	C18 (USP L1)
Particle size	1.9, 3 and 5 μm
Pore size	8 nm
Specific surface	430 m ² /g
Bonding	polymeric type
Endcapping	multi-stage hybrid groups
pH range	1 ~ 12
Temperature range	pH 1-7: 70 °C, pH 7-12: 50 °C

Ordering information

YMC-Triart 1.9 μm UHPLC columns (max. pressure 1,000 bar)

Column ID (mm)	Column length (mm)						Guard cartridges* with 5 mm length (pack of 3)
	20	30	50	75	100	150	
2.1	TAR08SP9-02Q1PT	TAR08SP9-H3Q1PT	TAR08SP9-05Q1PT	TAR08SP9-L5Q1PT	TAR08SP9-10Q1PT	TAR08SP9-15Q1PT	TAR08SP9-E5Q1CC
3.0	—	—	TAR08SP9-0503PT	TAR08SP9-L503PT	TAR08SP9-1003PT	TAR08SP9-1503PT	TAR08SP9-E503CC

*Guard cartridge holder required, part no. XPCHUH

YMC-Triart plus 3 μm high pressure rated analytical columns (max. pressure 450 bar)

Column ID (mm)	Column length (mm)							Guard cartridges* with 10 mm length (pack of 5)
	20	33	50	75	100	150	250	
2.1	TAR08S03-02Q1PTH	TAR08S03-H3Q1PTH	TAR08S03-05Q1PTH	TAR08S03-L5Q1PTH	TAR08S03-10Q1PTH	TAR08S03-15Q1PTH	—	TAR08S03-01Q1GC
3.0	—	—	TAR08S03-0503PTH	TAR08S03-L503PTH	TAR08S03-1003PTH	TAR08S03-1503PTH	—	TAR08S03-0103GC
4.6	—	TAR08S03-H346PTH	TAR08S03-0546PTH	TAR08S03-L546PTH	TAR08S03-1046PTH	TAR08S03-1546PTH	TAR08S03-2546PTH	TAR08S03-0104GC

*Guard cartridge holder required, part no. XPGCH-Q1

YMC-Triart plus 5 μm high pressure rated analytical columns (max. pressure 450 bar)

Column ID (mm)	Column length (mm)							Guard cartridges* with 10 mm length (pack of 5)
	20	33	50	75	100	150	250	
2.1	TAR08S05-02Q1PTH	TAR08S05-H3Q1PTH	TAR08S05-05Q1PTH	TAR08S05-L5Q1PTH	TAR08S05-10Q1PTH	TAR08S05-15Q1PTH	—	TAR08S05-01Q1GC
3.0	—	—	TAR08S05-0503PTH	TAR08S05-L503PTH	TAR08S05-1003PTH	TAR08S05-1503PTH	—	TAR08S05-0103GC
4.6	—	TAR08S05-H346PTH	TAR08S05-0546PTH	TAR08S05-L546PTH	TAR08S05-1046PTH	TAR08S05-1546PTH	TAR08S05-2546PTH	TAR08S05-0104GC

*Guard cartridge holder required, part no. XPGCH-Q1

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