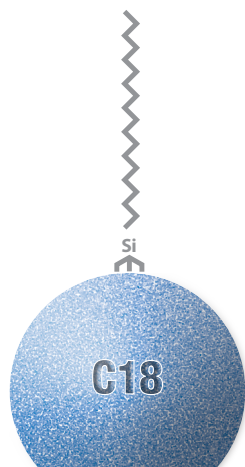
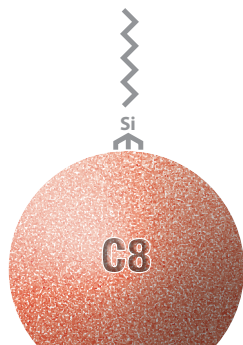


YMC-Triart Prep C18-S



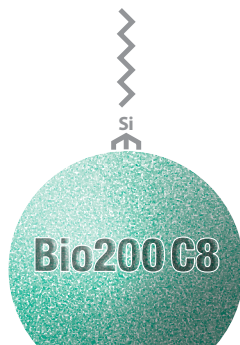
versatile selectivity
first choice for method development
100% aqueous eluents ✓
pH stable 2~10

YMC-Triart Prep C8-S



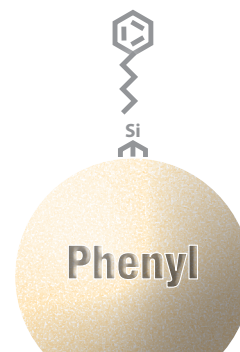
ideal choice for peptides and oligonucleotides
lower hydrophobicity
pH stable 2~10

YMC-Triart Prep Bio200 C8



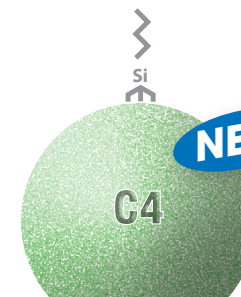
designed for the purification of mid-size to large peptides
optimised characteristics for the purification of insulin
pH stable 2~10

YMC-Triart Prep Phenyl-S



designed for the purification of peptides and aromatic compounds
100% aqueous eluents ✓
pH stable 2~10

YMC-Triart Prep C4-S



designed for the purification of peptides and mid-sized molecules
lower hydrophobicity
pH stable 2~10



Hydrophobicity of the YMC-Triart Prep Phases

High

YMC-Triart Prep C18-S

YMC-Triart Prep C8-S

YMC-Triart Prep Phenyl-S

YMC-Triart Prep Bio200 C8

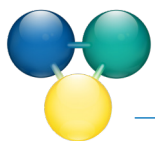
YMC-Triart Prep C4-S

Low

More flexibility: With its larger pore size, **YMC-Triart Prep Bio200 C8** has a lower hydrophobicity compared to **YMC-Triart Prep C8-S**

More Opportunities with YMC-Triart Prep

- ✓ High chemical stability
- ✓ Versatile selectivity
- ✓ High productivity and reliability
- ✓ Long column lifetimes
- ✓ Large-scale supply for industrial purifications



Peptides

MW < 5 000 Da

YMC-Triart Prep C18-S
YMC-Triart Prep C8-S
YMC-Triart Prep C4-S
YMC-Triart Prep Phenyl-S

MW > 5 000 Da

YMC-Triart Prep Bio200 C8



Nucleic Acids

Oligonucleotides

YMC-Triart Prep C18-S
YMC-Triart Prep C8-S
YMC-Triart Prep C4-S
YMC-Triart Prep Phenyl-S

Nucleic acids bases,
nucleosides,
nucleotides

YMC-Triart Prep C18-S



Small Molecules

Polar

YMC-Triart Prep C18-S

Hydrophobic

YMC-Triart Prep C18-S
YMC-Triart Prep C8-S
YMC-Triart Prep C4-S

Aromatic

YMC-Triart Prep Phenyl-S

Bulk samples

- Stationary phase media for self-packing
- Various pack sizes and formats available
- Available for all YMC-Triart Prep phases



Packed scout columns

- Pre-packed stainless-steel columns
- Analytical HPLC-columns packed with preparative bulk media
- Available for all YMC-Triart Prep phases
- Available for all particle sizes



Exemplary dimensions

- 250 mm x 4.6 mm ID
- 150 mm x 4.6 mm ID
- 250 mm x 10 mm ID
- 150 mm x 10 mm ID

Specifications

	YMC-Triart Prep C18-S	YMC-Triart Prep C8-S	YMC-Triart Prep Bio200 C8	YMC-Triart Prep C4-S	YMC-Triart Prep Phenyl-S
Functional Group	C18	C8	C8	C4	phenyl (butyl)
Base Material	organic/inorganic hybrid silica				
Particle Size [µm]	7, 10, 15, 20	10, 15, 20	10	10	10
Pore Size [nm]	12	12	20	12	12
Carbon Load [%]	20	17	14	14	17
Endcapping	yes				
pH Range	2–10 for regular use, 2–12 for column cleaning				

Order Information

	Particle Size	Pore Size	Product Code
YMC-Triart Prep C18-S	7 µm 10 µm 15 µm 20 µm	12 nm	TAS12S07 TAS12S11 TAS12S16 TAS12S21
YMC-Triart Prep C8-S	10 µm 15 µm 20 µm	12 nm	TOS12S11 TOS12S16 TOS12S21
YMC-Triart Prep Bio200 C8	10 µm	20 nm	TOB20S11
YMC-Triart Prep C4-S	10 µm	12 nm	TBS12S11
YMC-Triart Prep Phenyl-S	10 µm	12 nm	TPS12S11