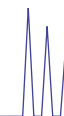
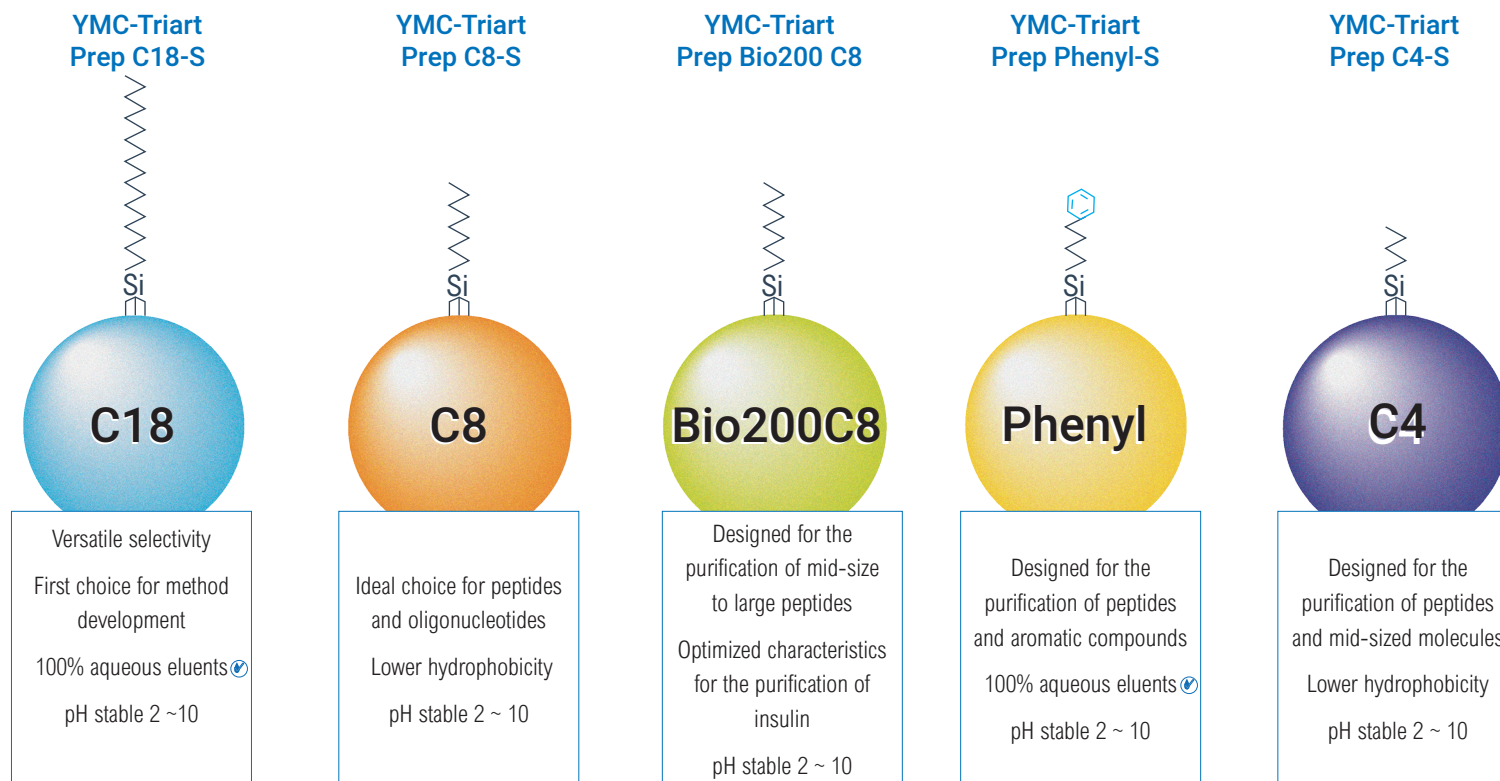


Selection Tool for the YMC-Triart Prep Family

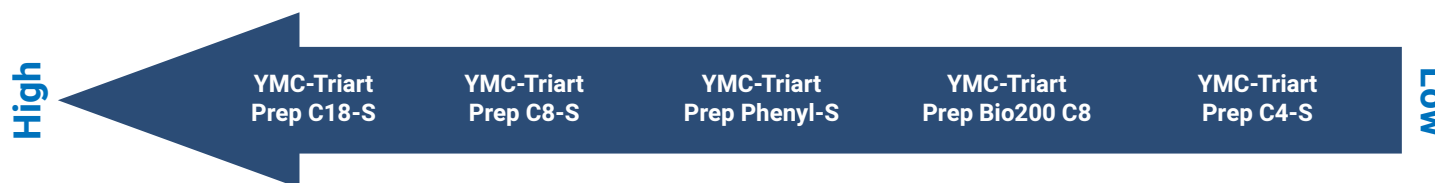


YMC

First Choice in Preparative LC



Hydrophobicity of the YMC-Triart Prep Phases



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

Selection Tool for the YMC-Triart Prep Family

First Choice in Preparative LC



Peptides

MW < 5000 Da	YMC-Triart Prep C18-S
	YMC-Triart Prep C8-S
	YMC-Triart Prep C4-S
	YMC-Triart Prep Phenyl-S
MW > 5000 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, nucleoside, 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 Bio2000 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	12 nm	TAS12S07
	10 μm		TAS12S11
	15 μm		TAS12S16
	20 μm		TAS12S21
YMC-Triart Prep C8-S	10 μm	12 nm	TOS12S11
	15 μm		TOS12S16
	20 μm		TOS12S21
YMC-Triart Prep Bio200 C8	10 μm	20 nm	T0B20S11
YMC-Triart Prep C4-S	10 μm	12 nm	TBS12S11
YMC-Triart Prep Phenyl-S	10 μm	12 nm	TPS12S11



8 Charlestown Street, Devens, MA 01434 • United States
Tel: 978.487.1100
sales@ymcamerica.com • www.ymcamerica.com



YMC Co., Ltd Headquarters • Kyoto, Japan
Tel: +81.75.342.4515
sales@ymc.co.jp • www.ymc.co.jp/en