

YMC Chiral Columns

YMC manufacture a range of chiral columns, based on different ligand types, suitable for a wide range of chiral separations. See also page 5 for the new YMC CHIRAL polysaccharide series of columns.

YMC Chiral Phases

| YMC Phase | Ligand | Particle Size (μm) | Pore Size (\AA) | Recommended pH Range |
|--|---|---------------------------------|----------------------------|----------------------|
| Chiral NEA (R) or (S) | 1-Naphthylethylamine | 5 | 300 | 2 - 6.5 (RP) |
| CD BR (α , β or γ) | Bromide derivative of cyclodextrin (α , β or γ) | 5 | 120 | 3.5 - 6.5 |
| Sumichiral OA Series | Various – 17 different types | 5 | 120 | - |

YMC Chiral NEA (R) and (S)

YMC Chiral NEA consists of 1-naphthylethylamine bonded to wide pore spherical silica. (R) and (S) versions are available for elution order reversal. YMC Chiral NEA columns can be used in normal-phase and reversed-phase modes.

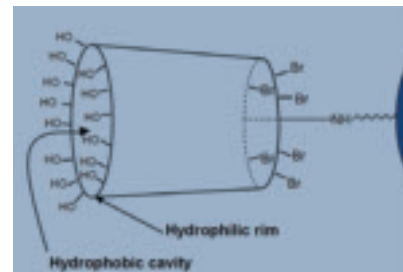
YMC Chiral CD BR

YMC Chiral CD BR phases consist of bromide derivatives of α -, β - or γ -cyclodextrin, in which the primary hydroxyl groups at carbon 6 are substituted for bromine. These phases are used in reversed-phase mode to separate a wide range of polar, water-soluble compounds and positional isomers of substituted aromatic compounds.

YMC Sumichiral OA

Seventeen different phases of Sumichiral OA columns are available. These are based on different types of covalent linkage, including amide, urea, ligand exchange type, cyclodextrin type and crown ether phases.

Please contact Hichrom for ordering information for YMC chiral columns.



YMC Chiral β -CD BR