

Order information

Part Number	Description	Price (USD)
CE1-1502-2	ChiralCE-1 column, 150×2mm, 2 μm	
CE1-1502-3	ChiralCE-1 column, 150×2mm, 3 μm	
CE2-1502-2	ChiralCE-2 column, 150×2mm, 2 μm	
CE2-1502-3	ChiralCE-2 column, 150×2mm, 3 μm	
CE2-2502-3	ChiralCE-2 column, 250×2mm, 3 μm	
CD1-1502-3	ChiralCD-1 column, 150×2mm, 3 μm	
CD1-1502-2	ChiralCD-1 column, 150×2mm, 2 μm	
CD2-1502-3	ChiralCD-2 column, 150×2mm, 3 μm	
CD3-1502-3	ChiralCD-3 column, 150×2mm, 3 μm	
CD4-1502-3	ChiralCD-4 column, 150×2mm, 3 μm	
KT-1503-3	Screen kit including 3 150×2mm and 3 μm columns: ChiralCE-1, ChiralCE-2, ChiralCD-1.	
KT-1503-6	Screen kit including one each of the 6 types of columns with 150×2mm dimension and 3 μm particle size.	

Columns with other dimensions are available upon request.

Contact information

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Columns for Chiral Separation

- Immobilized stationary phase for durability
- Special chiral selectors for versatility
- Optimized bonding and packing technique for better capacity and column efficiency



PromoChrom provides two types of chiral columns from ChiralTek (www.chiraltek-column.com): cellulose based **ChiralCE** columns and cyclodextrin based **ChiralCD** columns.

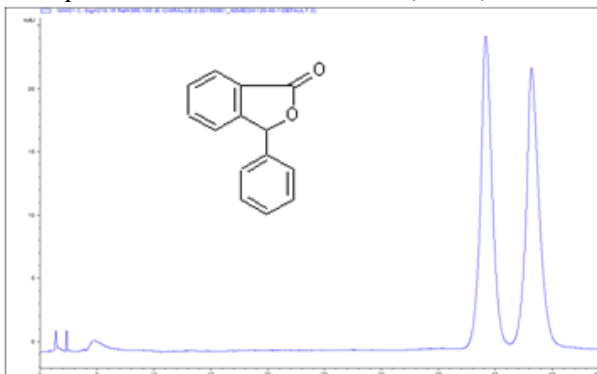
ChiralCE-1 and ChiralCE-2

These two members of ChiralCE columns serve different needs of users. ChiralCE-2 gives similar selectivity with most existing cellulose chiral columns while offering a better durability. ChiralCE-1 offers a unique selectivity.

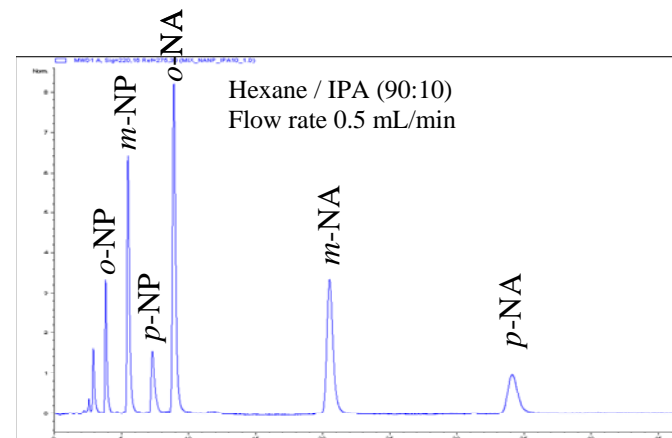
Normal phase mode: hexane/IPA (99:1), 0.8 mL/min



Reverse phase mode: Water/methanol (60:40), 0.3 mL/min

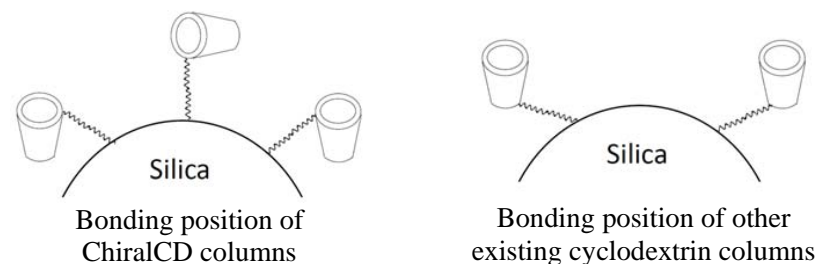


Chiral separation of 3-Phenylphthalide on ChiralCE-2 column (3 μ m, 150 \times 2 mm I.D.) using normal phase and reverse phase conditions.



HPLC separation for mixture of positional isomers *o*-, *m*-, *p*-Nitrophenols (NP) and *o*-, *m*-, *p*-Nitroanilines (NA) on ChiralCE-2 column (3 μ m, 150 \times 2 mm I.D.)

ChiralCD columns differ from other cyclodextrin based chiral columns in bonding positions and coverage. The following figure explains the difference:



This difference offers an alternative in selectivity in chiral separation. There are four members of ChiralCD column based on different types of cyclodextrins.

With two ChiralCE columns and four ChiralCD columns, we are able to provide a coverage of up to 80% of chiral separations. When your existing chiral columns are not able to solve your problem, you may have a solution with one of our columns.

Not sure if our column can solve your problem? You may try our free sample testing service before order.