

## Chiral sample screening

### Free screening service

To the mailbox "support@chromtech.co.uk" we get many questions every day concerning the separation of a certain chiral compound. Through the years we have developed a successful way of supporting customers. If there is no application or literature reference available for the specific compound, we offer a free screening service.

### Sample information

The customer gives a description of the sample which preferably contains the structure. If necessary we sign a secrecy agreement. If the compound is found to be suitable for ChromTechs chiral columns, the customer sends a sample (10-100 mg) together with information about the compound. The information is given in a form which is provided by ChromTech.

The sample must be sent as a pure compound, not in a solution. When received it is tested at the Application laboratory using the **CHIRAL-AGP**, **CHIRAL-CBH** and/or the **CHIRAL-HSA** columns.

### Additional services

If separation is obtained, a chromatogram and instructions on how to optimize the method is sent to the customer. If the customer wants ChromTech to optimize and validate the method, to develop methods for purity determination or for bioanalysis etc., this service will be provided against a charge.

### Distributor support

In order to give a good support to our distributors worldwide, we offer the possibility to take advantage of our free screening service. This means that all distributors can announce the availability of this service to their customers. All contact with the customer is arranged through the distributor, who then submits the information to ChromTech.

### Sample form

Enclosed with this Application Bulletin is a "Custom Separation Form" in Word-format. Please print and copy this form for use with samples.

Please remember that a request must always be e-mailed to ChromTech before a sample is submitted.

### Application and literature information

Before requesting a chiral sample screening, please consult the index in the **Chiral Application Handbook** or the chiral website [www.chromtech.co.uk](http://www.chromtech.co.uk) to find if a method has already been developed.

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### Columns for chiral LC/MS applications

There is a steady increase in the demand of ChromTech columns for LC/MS, ie. dimensions like 50x4.0 mm, 50x3.0 mm and 50x2.0 mm. Below is an example of a rapid separation of desmethylsibutramine using a short **CHIRAL-AGP** column.

