

Separations | HPLC Column ProteCol® Chiral

Turn Imagination into Results

High quality phases and a variety of hardware options provide a perfect match for all your separation needs.

Features and Benefits

ProteCol® Chiral columns ensure the isolation and analysis of pure enantiomers.

Recommended Applications

Enantiomers.

Product Specifications

ProteCol Chiral CHM is a modified cellulose coated on the high purity, high performance spherical silica particles. The chemical modification includes the chemical bonding of 3-chloro-4 methylphenylcarbamate to cellulose. The use of cellulose modified with chlorinated phenyl groups moiety provides for the separation for many previously unresolved/poorly resolved chiral mixtures.

ProteCol Chiral CHC are polysaccharide coated chiral columns manufactured using a unique production process of coating the proven chiral selector-tris-(3, 5-dimethylphenyl) carbamoyl cellulose on high purity silica gel.

ProteCol Chiral CHA are polysaccharide coated chiral columns manufactured using a unique production process of coating the proven chiral selector-tris-(3, 5-dimethylphenyl) carbamoyl amylose on high purity silica gel.

ProteCol Chiral CH4 is a modified cellulose coated on the high purity, high performance spherical silica particles. The chemical modification includes the chemical bonding of 4-chloro-3 methylphenylcarbamate to cellulose. The use of cellulose modified with chlorinated phenyl groups moiety provides for the separation for many previously unresolved/poorly resolved chiral mixtures.

Available in 5 and 10 µm particle sizes, in 4,6 mm ID 250 mm long column hardware.

PEEK coated column hardware available to reduce non-specific interactions when analyzing compounds with metal chelating activity.

Phase	Sub Phase	Chemical Structure	Particle Size (µm)
Chiral	CHC	3, 5-dimethylphenylcarbamate cellulose	5, 10
Chiral	CHA	3, 5-dimethylphenylcarbamate amylose	5, 10
Chiral	CHM	3-chloro-4-methylphenylcarbamate cellulose	5, 10
Chiral	CH5	5-chloro-2-methylphenylcarbamate amylose	5, 10
Chiral	CH4	4-chloro-3-methylphenylcarbamate cellulose	5, 10



For more information about this product visit www.sge.com or contact techsupport@sge.com.