

Epitomize™



Chiral Stationary Phases

Polysaccharide-based Chiral Stationary Phases
for UHPLC, HPLC, Preparative, and SMB

Epitomize™ CSP-1 Series: Coated

The Epitomize™ CSP-1 series is based on derivatized polysaccharides that are coated onto modified silica gel. Recommended mobile phases are blends of alcohols and hydrocarbons at all ratios and acetonitrile. The CSP-1-R series is available for aqueous-based mobile phases.

CSP-1A	Amylose tris-(3,5-dimethylphenylcarbamate)
CSP-1C	Cellulose tris-(3,5-dimethylphenylcarbamate)
CSP-1K	Amylose tris-(3-chloro-4-methylphenylcarbamate)
CSP-1Z	Cellulose tris-(3-chloro-4-methylphenylcarbamate)
CSP-1J	Cellulose tris-(4-methylbenzoate)

Epitomize™ CSP-2 Series: Covalently-bound

The Epitomize™ CSP-2 series is based on derivatized polysaccharides that are covalently-bound to silica gel. The covalent linkage permits the use of all typical organic solvents including ketones (e.g., acetone), halogenated solvents (e.g., dichloromethane and chloroform), ethyl acetate, THF, MTBE, and other aggressive solvents such as DMF and DMA. The CSP-2 series allows the separation of many new racemates that could not be accomplished on coated CSPs due to mobile phase limitations. The CSP-2-R series is available for aqueous-based mobile phases.

CSP-2A	Amylose tris-(3,5-dimethylphenylcarbamate)
CSP-2C	Cellulose tris-(3,5-dimethylphenylcarbamate)
CSP-2Z	Cellulose tris-(3-chloro-4-methylphenylcarbamate)

Particle Sizes: 1.7, 3, 5, 10, 20, 50, 100, and 300 microns

Column Configurations: Wide selection for UHPLC, HPLC, Preparative, and SMB applications. Please go to www.orochem.com for details.

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Chiral Product Application List

Column	Dimension	Particle size	Chemicals
Epitomize CSP-1A	250x4.6 mm	5 µm	Benzoin
Epitomize CSP-1A	250x4.6 mm	5 µm	trans-Stilbene Oxide
Epitomize CSP-1A	250x4.6 mm	5 µm	Troger's Base
Epitomize CSP-1C	250x4.6 mm	5 µm	Benzoin
Epitomize CSP-1C	250x4.6 mm	5 µm	1,1'-Bi-2-naphthol
Epitomize CSP-1C	250x4.6 mm	5 µm	Mianserin-HCl
Epitomize CSP-1C	250x4.6 mm	5 µm	1-Phenoxy-2-propanol
Epitomize CSP-1C	250x4.6 mm	5 µm	Warfarin
Epitomize CSP-1C	250x4.6 mm	5 µm	Ibuprofen
Epitomize CSP-1C	50x3.0 mm	1.7 µm	Propranolol
Epitomize CSP-1C	50x3.0 mm	1.7 µm	Pindolol
Epitomize CSP-1C	50x3.0 mm	1.7 µm	Hydrocortisone, progesterone
Epitomize CSP-1J	250x4.6 mm	5 µm	1-(1-Naphthyl)ethanol
Epitomize CSP-1J	250x4.6 mm	5 µm	trans-Stilbene Oxide
Epitomize CSP-1J	50x3.0 mm	1.7 µm	Benzoin
Epitomize CSP-1J	50x3.0 mm	1.7 µm	1-(1-Naphthyl)ethanol
Epitomize CSP-1J	50x3.0 mm	1.7 µm	1-(2-Naphthyl)ethanol
Epitomize CSP-1J	50x3.0 mm	1.7 µm	trans-Stilbene Oxide
Epitomize CSP-1K	250x4.6 mm	5 µm	Flavanone
Epitomize CSP-1K	250x4.6 mm	5 µm	Mianserin
Epitomize CSP-1Z	250x4.6 mm	5 µm	1-(1-Naphthyl)ethanol
Epitomize CSP-1Z	250x4.6 mm	5 µm	1-Phenoxy-2-propanol
Epitomize CSP-1Z	250x4.6 mm	5 µm	trans-Stilbene oxide
Epitomize CSP-1Z	250x4.6 mm	5 µm	1,2,3,4-Tetrahydro-1- naphthol
Epitomize CSP-2C	250x4.6 mm	5 µm	1,1'-Bi-2-naphthol
Epitomize CSP-2C	250x4.6 mm	5 µm	trans-Stilbene Oxide
Epitomize CSP-2C	250x4.6 mm	5 µm	Warfarin