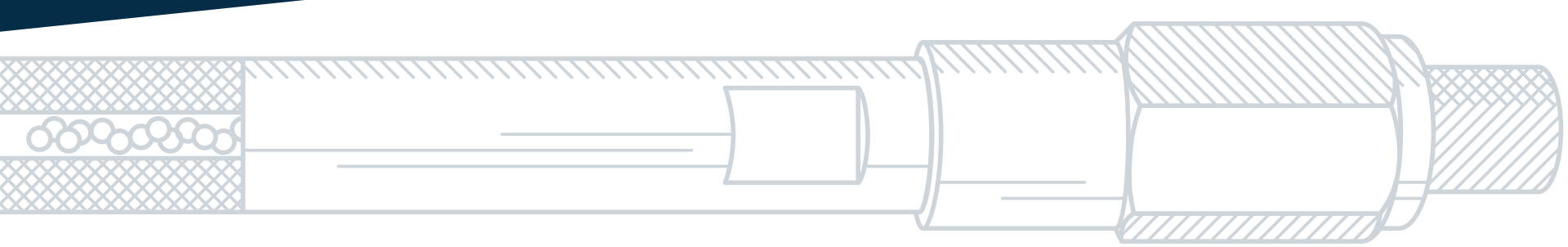
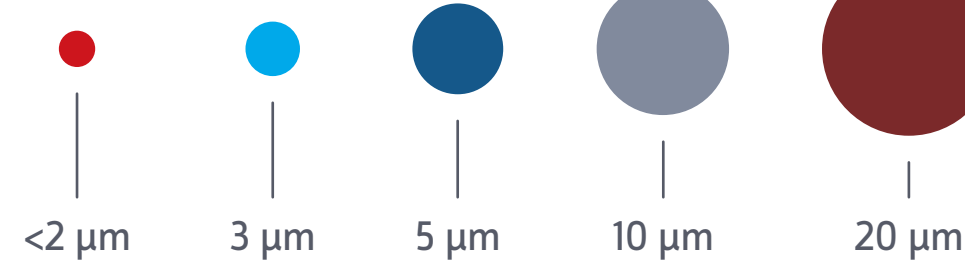


CHIRAL SELECTORS NAMES & STRUCTURES

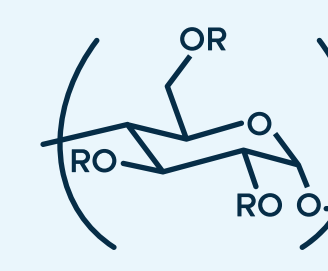
Structures Of Commercially Available Daicel Chiral Stationary Phases



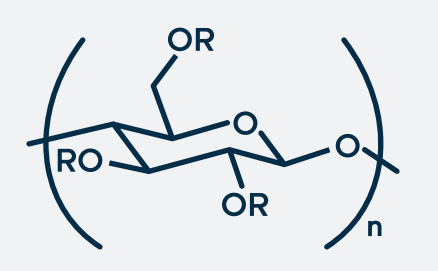
LEGEND



AMYLOSE DERIVATIVES



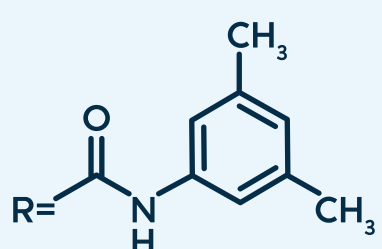
CELLULOSE DERIVATIVES



IMMOBILIZED POLYSACCHARIDE SELECTORS

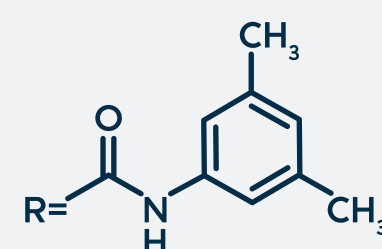
PRIMARY SCREENING SET

CHIRALPAK® IA



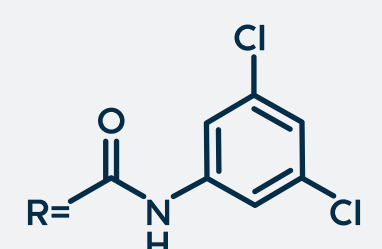
tris (3,5-dimethylphenylcarbamate)

CHIRALPAK IB (-N)



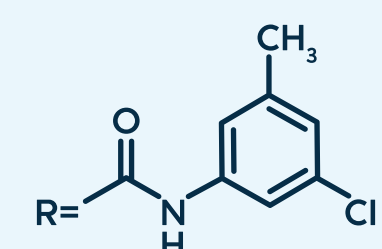
tris (3,5-dimethylphenylcarbamate)

CHIRALPAK IC



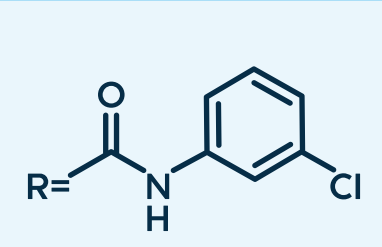
tris (3,5-dichlorophenylcarbamate)

CHIRALPAK IG



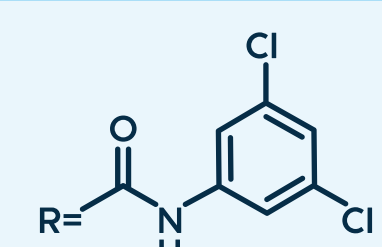
tris (3-chloro-5-methylphenylcarbamate)

CHIRALPAK ID



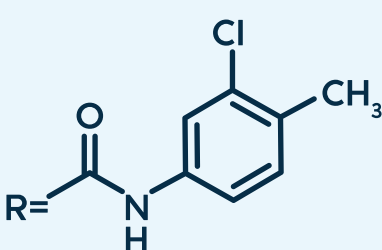
tris (3-chlorophenylcarbamate)

CHIRALPAK IE



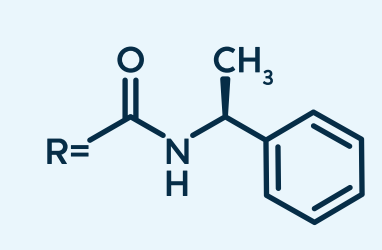
tris (3,5-dichlorophenylcarbamate)

CHIRALPAK IF



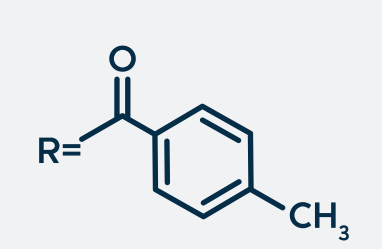
tris (3-chloro-4-methylphenylcarbamate)

CHIRALPAK IH



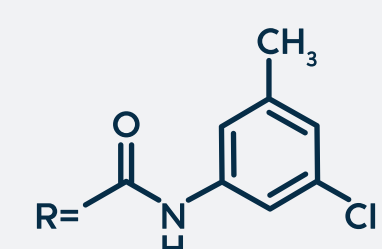
tris (S)-α-methylbenzylcarbamate

CHIRALPAK IJ



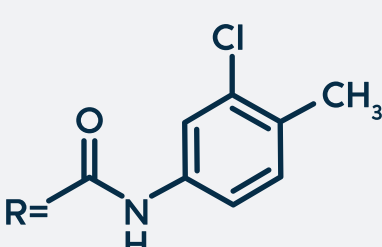
tris (4-methylbenzoate)

CHIRALPAK IK



tris (3-chloro-5-methylphenylcarbamate)

CHIRALPAK IM

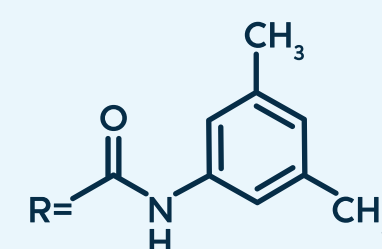


tris (3-chloro-4-methylphenylcarbamate)

New Chiral Stationary Phase
Coming Soon

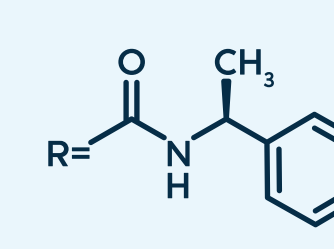
COATED POLYSACCHARIDE SELECTORS

CHIRALPAK AD



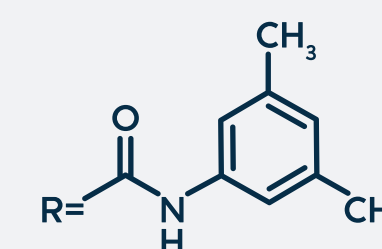
tris (3,5-dimethylphenylcarbamate)

CHIRALPAK AS



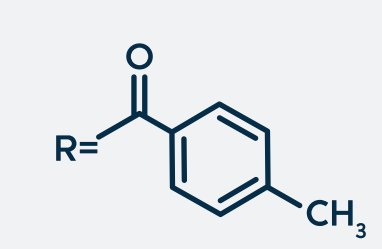
tris (S)-α-methylbenzylcarbamate

CHIRALCEL® OD



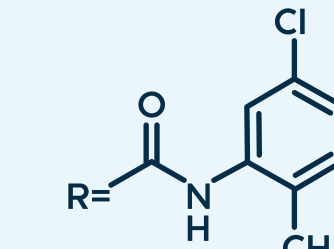
tris (3,5-dimethylphenylcarbamate)

CHIRALCEL OJ



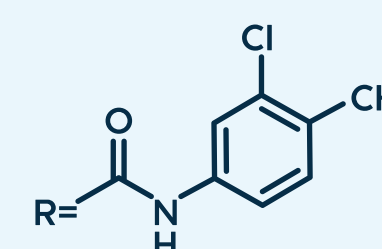
tris (4-methylbenzoate)

CHIRALPAK AY



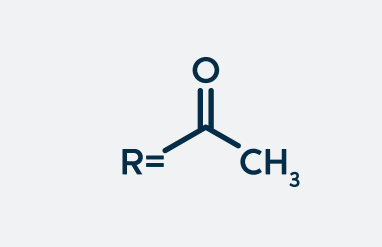
tris (5-chloro-2-methylphenylcarbamate)

CHIRALPAK AZ



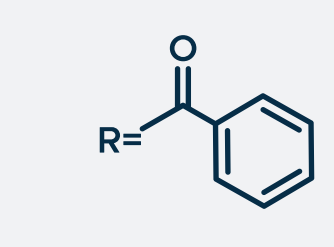
tris (3-chloro-4-methylphenylcarbamate)

CHIRALCEL OA



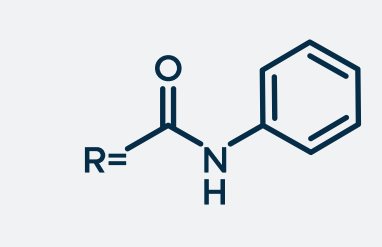
Triacetate

CHIRALCEL OB



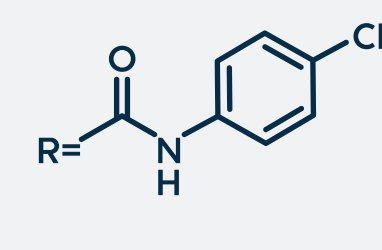
Tribenzoate

CHIRALCEL OC



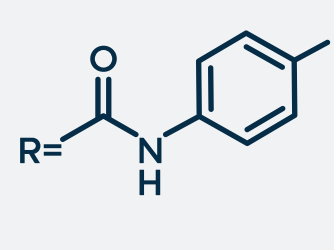
tris (phenylcarbamate)

CHIRALCEL OF



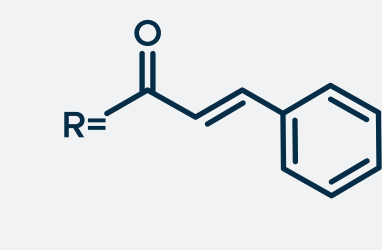
tris (4-chlorophenylcarbamate)

CHIRALCEL OG



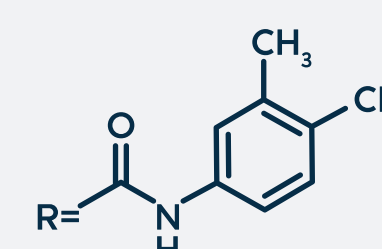
tris (4-methylphenylcarbamate)

CHIRALCEL OK



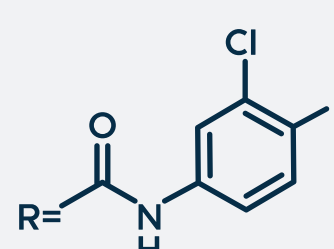
Tricinamate

CHIRALCEL OX



tris (4-chloro-3-methylphenylcarbamate)

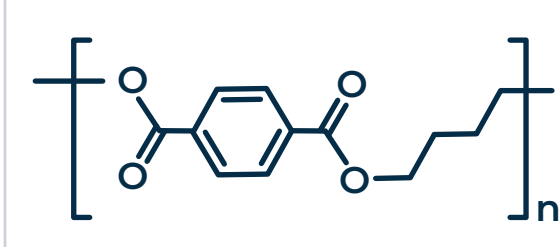
CHIRALCEL OZ



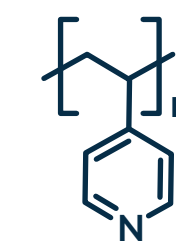
tris (3-chloro-4-methylphenylcarbamate)

ACHIRAL SELECTORS

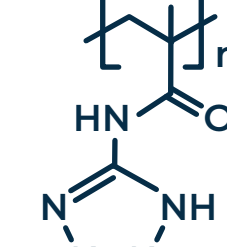
DCpak® PBT



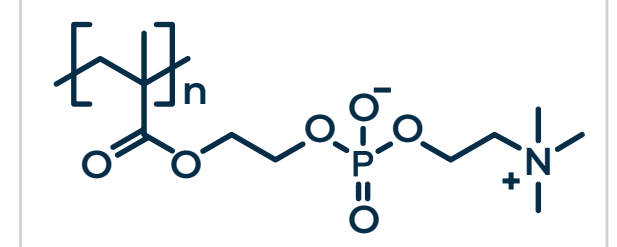
DCpak P4VP



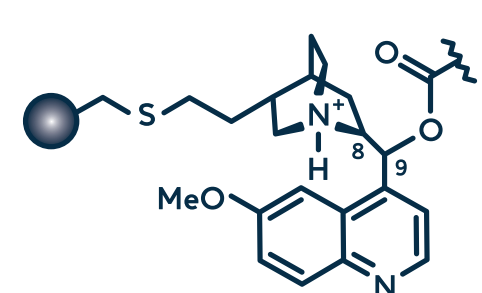
DCpak PTZ



DCpak PMPC

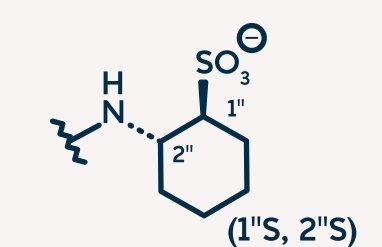


SELECTORS FOR SPECIAL APPLICATIONS

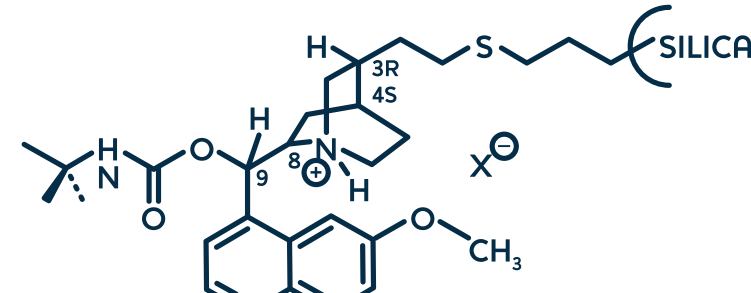


ZWITTERION EXCHANGER

CHIRALPAK ZWIX(+)



Quinine-derived (8S, 9R)



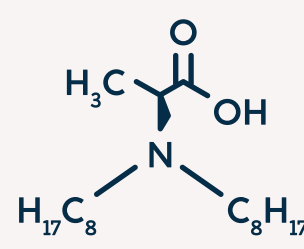
ANION EXCHANGER

CHIRALPAK QN-AX

O-9-(tert-butylcarbamoyl) quinine

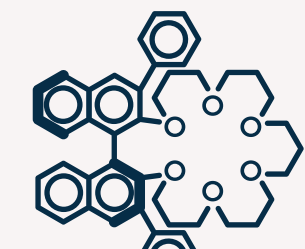
LIGAND EXCHANGER

CHIRALPAK MA(+)

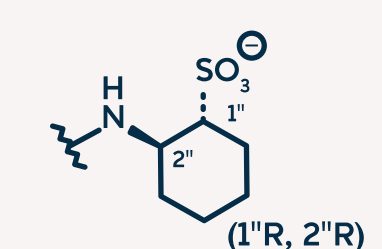


CROWN ETHER AND IMMOBILIZED CROWN ETHER

CROWNPAK CR(+) CROWNPAK CR-I(+)



CHIRALPAK ZWIX(-)

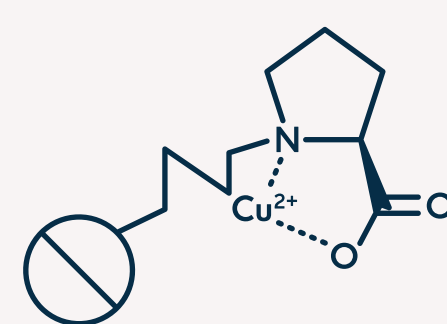


Quinidine-derived (8R, 9S)

CHIRALPAK QD-AX

O-9-(tert-butylcarbamoyl) quinidine

CHIRALPAK WH



CROWNPAK CR(-) CROWNPAK CR-I(-)



PROTEIN-BASED SELECTORS

CHIRALPAK AGP

α₁-acid glycoprotein

CHIRALPAK BSA

bovine serum albumin

CHIRALPAK CBH

cellobiohydrolase (stable enzyme)

CHIRALPAK DSA

dog serum albumin

CHIRALPAK HSA

human serum albumin

CHIRALPAK MSA

mouse serum albumin

CHIRALPAK PSA

pig serum albumin

CHIRALPAK RSA

rat serum albumin

USP CODE DESIGNATIONS

L32	L40	L41	L51	L66	L70	L75	L79
CHIRALPAK WH	CHIRALCEL OD CHIRALCEL OD-H CHIRALCEL OD-3	CHIRALPAK AGP	CHIRALPAK AD CHIRALPAK AD-H CHIRALPAK AD-3	CROWNPAK CR(+)	CHIRALCEL OC-H	CHIRALPAK BSA	CHIRALPAK HSA
L80	L90	L93	L99	L107	L108	L117	L119
CHIRALCEL OJ CHIRALCEL OJ-H CHIRALCEL OJ-3	CHIRALPAK AS CHIRALPAK AS-H CHIRALPAK AS-3	CHIRALCEL OD-RH CHIRALCEL OD-3R	CHIRALPAK IA CHIRALPAK IA-3	CHIRALCEL OJ-RH CHIRALCEL OJ-3R	CHIRALPAK CBH	CROWNPAK CR(-)	CHIRALPAK IC CHIRALPAK IC-3
L123	L126	L130	L131				
CHIRALCEL OZ CHIRALCEL OZ-3 CHIRALCEL OZ-H	CHIRALPAK ID	CHIRALCEL OD-R	CHIRALPAK IE CHIRALPAK IE-3				