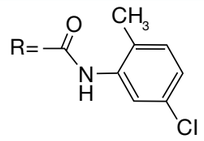
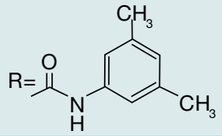
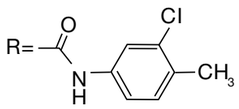
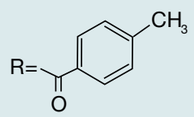
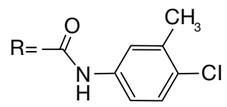
Switch Chiral Columns and Save

Lux®
Polysaccharide Chiral Columns
Dependable. Scalable. Affordable.

Lux Guaranteed* Equivalents to CHIRALCEL®/CHIRALPAK® at a FRACTION OF THE COST!

Phenomenex®	DAICEL®/Chiral Technologies				Chiral Stationary Phase (CSP)	
NP, PO, RP, SFC	Brand	NP, PO	RP	SFC	Structure	Description
Lux Amylose-2	CHIRALPAK® AY®	AY, AY-H®, AY-3	AY-RH, AY-3R	AY, AY-H		Amylose tris(5-chloro-2-methylphenylcarbamate)
Lux Cellulose-1	CHIRALCEL® OD®	OD, OD-H®, OD-3	OD-RH, OD-3R	OD, OD-H		Cellulose tris(3,5-dimethylphenylcarbamate)
Lux Cellulose-2	CHIRALCEL® OZ	OZ, OZ-H®, OZ-3	OZ-RH, OZ-3R	OZ, OZ-H		Cellulose tris(3-chloro-4-methylphenylcarbamate)
Lux Cellulose-3	CHIRALCEL® OJ®	OJ, OJ-H®, OJ-3	OJ-RH, OJ-3R	OJ, OJ-H		Cellulose tris(4-methylbenzoate)
Lux Cellulose-4	CHIRALCEL® OX	OX-H®, OX-3	OX-RH, OX-3R	OX-H		Cellulose tris(4-chloro-3-methylphenylcarbamate)

Solvent Switching

NP → PO or RP

1. Flush your column with ten column volumes of **Methanol/Ethanol (90:10)** at a flow rate of 0.5 mL/min (4.6 mm ID)
2. Followed by your mobile phase for 10 column volumes.

NP → SFC

1. Flush your column with ten column volumes of **Methanol/Ethanol (90:10)** at a flow rate of 0.5 mL/min (4.6 mm ID)
2. Followed by your mobile phase for 10 column volumes.

For more information, refer to the Column Care Guide.

Chromatography Mode

NP = Normal Phase
PO = Polar Organic
RP = Reversed Phase
SFC = Supercritical Fluid Chromatography

DAICEL Nomenclature (e.g. OD)

CSP	Particle Size	Mode
OD	20 µm	NP, PO
OD-H	5 µm	NP, PO
OD-RH	5 µm	RP
OD-3	3 µm	NP, PO
OD-3R	3 µm	RP

Why Choose Lux Chiral Columns?

- Stable in normal phase, polar organic, SFC, and reversed phase conditions
- 3 µm and 5 µm packed columns, as well as, 10 µm and 20 µm bulk media for scale up
- Pressure stable up to 300 bar
- High efficiency and loading capacity

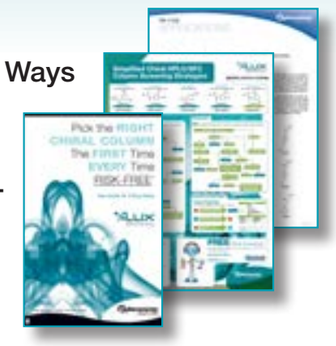
PO14180613_W

* guarantee

If Lux analytical columns (less than or equal to 4.6 mm ID) do not provide at least an equivalent or better separation as compared to a competing column of the same particle size, similar phase and dimensions, return the column with comparative data within 45 days for a FULL REFUND.

FREE Online Resources

- Chiral Column Selection Guide—3 Easy Ways
- Method Development Poster
- 1,500+ Chiral Applications on Website—Search by Name or Structure
- FREE Chiral Screening Services



phenomenex®
. . . breaking with tradition℠

For more info visit:
www.phenomenex.com/Lux