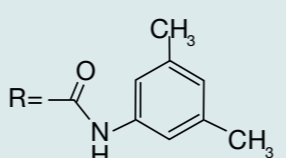
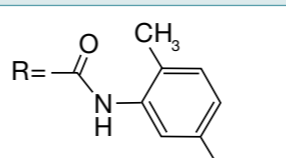
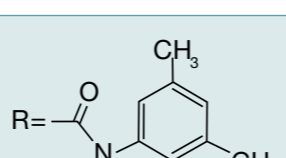
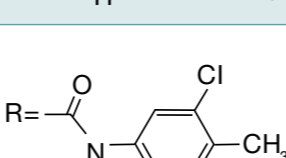
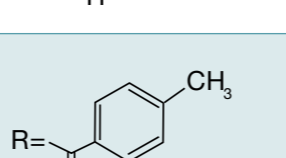
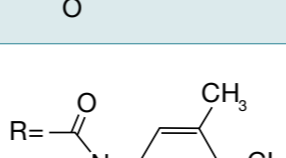
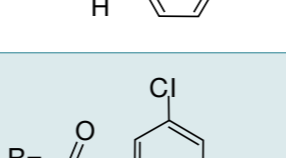
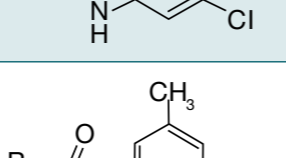


Switch Chiral Columns and Save

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			
Coated	Lux Amylose-1	CHIRALPAK AD®	AD, AD-H®, AD-3	AD-RH®, AD-3R	AD, AD-H		Amylose tris(3,5-dimethylphenylcarbamate)			
	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)			
Immobilized	Lux Cellulose-4	CHIRALCEL OX	OX-H, OX-3	OX-RH, OX-3R	OX-H		Cellulose tris(4-chloro-3-methylphenylcarbamate)			
	Lux i-Cellulose-5	CHIRALPAK IC®	IC, IC-3	IC, IC-3	IC, IC-3		Cellulose tris(3,5-dichlorophenylcarbamate)			
	Lux i-Amylose-1	CHIRALPAK IA®	IA, IA-3	IA, IA-3	IA, IA-3		Amylose tris(3,5-dimethylphenylcarbamate)			

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 **CO₂/Methanol (80:20)** or **CO₂/Ethanol (80:20)** 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 Lux care and use notes.

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



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* **guarantee**

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

For more info visit:

www.phenomenex.com/Lux