



# New Products

Cambridge Isotope Laboratories, Inc. is pleased to introduce the following products



## Individual Standards

### Amino Acids (Free, Protected, and Resins) and Derivatives

Catalog No.	Description
CDLM-11504	L-Alanine (3- <sup>13</sup> C, 99%; 2,3,3-D <sub>3</sub> , 96%)
CSLM-11349	L-Cystine ( <sup>13</sup> C <sub>6</sub> , 99%; <sup>34</sup> S <sub>2</sub> , 99%)
CLM-10959	D-Leucine-N-Fmoc ( <sup>13</sup> C <sub>6</sub> , 97-99%)
DNLM-7369	L-Ornithine·HCl (D <sub>7</sub> , 98%; <sup>15</sup> N <sub>2</sub> , 98%)
SRPR-Phe-C	Preloaded L-Phe (1- <sup>13</sup> C, 98%) Wang resin

### Bile Acids and Derivatives

Catalog No.	Description	Concentration
DLM-11570-C	Allochenodeoxycholic acid (2,2,4,4-D <sub>4</sub> , 98%)	100 µg/mL in methanol
ULM-11569-C	Allochenodeoxycholic acid (unlabeled)	100 µg/mL in methanol
CLM-11571	Alloisolithocholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11574	Allolithocholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11579-C	Chenodeoxycholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%)	100 µg/mL in methanol
CLM-11567	3β-Hydroxy-5-cholenoic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11587	7α-Hydroxy-3-oxochol-4-en-24-oic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	Neat
CLM-11575	Isolithocholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11581-C	Lithocholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%)	100 µg/mL in methanol
CLM-11580-C	Lithocholic acid (3,4,23,24- <sup>13</sup> C <sub>4</sub> , 98%)	100 µg/mL in methanol
ULM-11576	Murideoxycholic acid (unlabeled) CP 95%	Neat
CLM-11565	3-Oxo-4-cholenoic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11566	3-Oxochol-4,6-dien-24-oic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11573	3-Oxoallolithocholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11577	3-Oxochenodeoxycholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11572	3-Oxolithocholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	Neat
CLM-11568	3β,5α,6β-Trihydroxycholanic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%)	Neat
CLM-11578-C	Ursodeoxycholic acid (22,23,24- <sup>13</sup> C <sub>3</sub> , 98%) CP 97%	100 µg/mL in methanol

Chemical purity (CP) is 98% or greater, unless otherwise indicated.  
For research use only. Not for use in diagnostic procedures.

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## Cambridge Isotope Laboratories, Inc.

## Nucleic Acids and Derivatives

Catalog No.	Description
CLM-11441-CA	Adenylosuccinate (AdS), ammonium salt (ribose- <sup>13</sup> C <sub>5</sub> , 99%) (in solution) CP 95%
CLM-11433	Cyclic adenosine-3',5'-monophosphate (cAMP) (ribose- <sup>13</sup> C <sub>5</sub> , 95%) CP 96%
CLM-11562	2-Fluoroadenosine-5'-triphosphate, lithium salt (2- <sup>13</sup> C, 95%) (in solution) CP 90%
CLM-11510-CA	Orotidine 5'-monophosphate, ammonium salt (ribose- <sup>13</sup> C <sub>5</sub> , 99%) (in solution)
CLM-11442-CA	1-(5'-Phosphoribosyl)-4-( <i>N</i> -succinocarboxamide)-5-aminoimidazole, ammonium salt (ribose- <sup>13</sup> C <sub>5</sub> , 99%) (in solution) CP 95%
CLM-11443-CA	1-Ribosyl-4-( <i>N</i> -succinocarboxamide)-5-aminoimidazole, ammonium salt (ribose- <sup>13</sup> C <sub>5</sub> , 99%) (in solution) CP 95%

## Other Standards

Catalog No.	Description	Concentration	Class
DLM-11473	4-(2-Aminoethyl)morpholine (morpholino-2,2,3,3,5,5,6,6-D <sub>8</sub> , 98%)	Neat	Ligand
DLM-12326	L-Carnitine-ClO <sub>4</sub> , tetradec-5- <i>cis</i> -enoyl (C14:1) ( <i>N,N,N</i> -trimethyl-D <sub>9</sub> , 98%) CP 90%	Neat	Acylcarnitine
DLM-12325	L-Carnitine-ClO <sub>4</sub> , tiglyl (C5:1) ( <i>N,N,N</i> -trimethyl-D <sub>9</sub> , 98%) CP 90%	Neat	Acylcarnitine
CLM-11501	<i>P</i> -Coumaric acid (phenyl- <sup>13</sup> C <sub>6</sub> , 99%)	Neat	Polyphenol
DLM-11424	2-Hexyldecanoic acid (D <sub>31</sub> , 98%) CP 97%	Neat	Fatty acid
CLM-11500	4-Hydroxy-3-methoxycinnamic acid (ferulic acid) (phenyl- <sup>13</sup> C <sub>6</sub> , 99%)	Neat	Phenylpropanoid
CLM-11325	4-Hydroxymandelic acid (4-HMA) (ring- <sup>13</sup> C <sub>6</sub> , 99%) CP 95%	Neat	Phenol

## Vitamins

Catalog No.	Description	Concentration
CLM-11582-B	1,25-Dihydroxyvitamin D <sub>3</sub> (25,26,27- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	50 µg/mL in ethanol
CLM-11582-F	1,25-Dihydroxyvitamin D <sub>3</sub> (25,26,27- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	10 µg/mL in ethanol
CLM-11584-B	3- <i>epi</i> -25-Hydroxyvitamin D <sub>3</sub> (25,26,27- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	50 µg/mL in ethanol
CLM-11583-C	25-Hydroxyvitamin D <sub>3</sub> (25,26,27- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	100 µg/mL in ethanol
CLM-11583-B	25-Hydroxyvitamin D <sub>3</sub> (25,26,27- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	50 µg/mL in ethanol
CLM-11583	25-Hydroxyvitamin D <sub>3</sub> (25,26,27- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	Neat
CLM-11585-D	Vitamin D <sub>3</sub> (25,26,27- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	1 mg/mL in ethanol
CLM-11585-C	Vitamin D <sub>3</sub> (25,26,27- <sup>13</sup> C <sub>3</sub> , 98%) CP 95%	100 µg/mL in ethanol

## Mixtures, Sets, and Kits

### Mixtures and Sets

Catalog No.	Description	Unit Size
NSK-BCAA	Branched-chain Amino Acid Standard Mix	1 vial
MSK-CNCAA	Canonical/Non-Canonical Amino Acid Mix Sets	2 × 1 vials

### Kits

Catalog No.	Description	Unit Size
BAK-A6490-CNCR50	DiseaseQuant Human Tissue Cancer Pathway Proteomics Kit for Agilent 6490 QqQ	1 kit
BAK-A6495-CNCR50	DiseaseQuant Human Tissue Cancer Pathway Proteomics Kit for Agilent 6495 QqQ	1 kit
BAK-QE-CNCR50	DiseaseQuant Human Tissue Cancer Pathway Proteomics Kit for Thermo Scientific Q Exactive Plus	1 kit
L-ISO1	Crude Lipid Yeast Extract (U- <sup>13</sup> C, 99%)	1 kit

*Unlabeled mixes,  
sets, and kits may be  
available; please  
inquire.*

Chemical purity (CP) is 98% or greater, unless otherwise indicated.  
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