

Stable Isotope Labeled **Monomers** *and* Related **Polymers**

Cambridge Isotope Laboratories, Inc. is excited to offer several stable isotope labeled monomers and polymers to meet your research requirements. All products listed below meet CIL's minimum quality specifications of 98% chemical purity. In addition, molecular weight data is available for several of the polymers listed. If your particular monomer or polymer of interest is not listed, CIL can provide a quotation on a custom synthesis. Please contact us for additional information on these products or to request CIL's complete catalog listing of research products.

Catalog #	Compound (Isotope, Atom % Enrichment)	Amount	Price
Acrylonitrile			
CLM-109	Acrylonitrile (1- ¹³ C, 99%) inhibited with 0.1% hydroquinone monomethyl ether	0.25 g	\$ 498
CLM-856	Acrylonitrile (¹³ C ₃ , 99%) inhibited with 0.1% hydroquinone monomethyl ether	0.1 g	\$ 680
DLM-820	Acrylonitrile (D ₃ , 98%) inhibited with 0.1% hydroquinone monomethyl ether	1 g 5 g	\$ 250 \$ 715
Adipic Acid			
CLM-4723	Adipic Acid (¹³ C ₆ , 99%)		Request Price
Bisphenol A			
DLM-1839	Bisphenol A (D ₁₆ , 98%)	1 g	\$ 330
Butadiene*			
DLM-877	1,3-Butadiene(1,1,4,4-D ₄ , 98%) stabilized with hydroquinone	1 L	\$ 360
DLM-876	1,3-Butadiene (D ₆ , 98%) stabilized with hydroquinone	1 L	\$ 240
	<i>*suggested packaging in breakseal flask (no charge) or cylinder (at additional cost)</i>		
Ethylene*			
CLM-415	Ethylene (1,2- ¹³ C ₂ , 99%)	0.1 L 0.25 L 0.5 L	\$ 175 \$ 295 \$ 510
DLM-347	Ethylene (D ₄ , 98%)	1 L	\$ 130
	<i>*suggested packaging in breakseal flask (no charge) or cylinder (at additional cost)</i>		
Ethylene Glycol			
DLM-1243	Ethylene Glycol (D ₄ , 98%)	5 g	\$ 245
DLM-1802	Ethylene Glycol (D ₆ , 99.7%) high enrichment	1 g 5 g	\$ 176 \$ 695
Ethylene Oxide*			
CLM-473	Ethylene Oxide (1,2- ¹³ C ₂ , 99%) Air Freight Forbidden	0.1 g 0.5 g	\$ 260 \$ 515
DLM-271	Ethylene Oxide (D ₄ , 98%) Air Freight Forbidden	5 g	\$ 555
	<i>*requires packaging in cylinder (at additional cost)</i>		
Formaldehyde			
CLM-806	Formaldehyde (¹³ C, 99%) (20% w/w solution in H ₂ O)	1ml sol'n.	\$ 247
DLM-805	Formaldehyde (D ₂ , 98%) (20% w/w solution in D ₂ O)	20ml sol'n.	\$ 240
CDLM-4599	Formaldehyde (¹³ C, 99%; D ₂ , 98%) (20% w/w solution in D ₂ O)	1ml sol'n.	\$ 399

Catalog #	Compound (Isotope, Atom % Enrichment)	Amount	Price
Isoprene			
DLM-1861	Isoprene (D ₈ , 98%) inhibited with hydroquinone		Request Price
Maleic Anhydride			
CLM-310	Maleic Anhydride (1,4- ¹³ C ₂ , 99%)	0.25 g	\$ 350
CLM-312	Maleic Anhydride (2,3- ¹³ C ₂ , 99%)	0.25 g	\$ 335
DLM-1853	Maleic Anydride (D ₂ , 98%)	5 g	\$ 485
Methyl Methacrylate			
CLM-2461	Methyl Methacrylate (methylene- ¹³ C, 99%) inhibited with 0.1% BHT	0.5 g 1 g	\$ 690 \$ 1055
DLM-471	Methyl Methacrylate (D ₈ , 98%) inhibited with 0.1% BHT	1 g 5 g	\$ 105 \$ 430
Phenol			
CLM-216	Phenol (¹³ C ₆ , 99%)	0.1 g	\$ 315
DLM-370	Phenol (D ₆ , 98%)	5 g	\$ 140
Poly(ethylene Oxide)			
DLM-2481	Poly(ethylene Oxide) (ethylene-D ₄ oxide, 98%)	0.5 g	\$ 755
Polyethylene			
DLM-220	Polyethylene (ethylene-D ₄ , 98%)	1 g 5 g	\$ 125 \$ 495
Polypropylene			
DLM-1325	Polypropylene (propene-D ₆ , 98%) isotactic	1 g	\$ 490
Polystyrene			
DLM-1156	Polystyrene (vinyl-D ₃ , 98%)	5 g	\$ 1020
DLM-1155	Polystyrene (ring-D ₅ , 98%)	5 g	\$ 1020
DLM-221	Polystyrene (styrene-D ₈ , 98%)	5 g	\$ 632
Propene*			
DLM-1626	Propene (3,3,3-D ₃ , 98%)	1 L	\$ 470
CLM-1514	Propene (3- ¹³ C, 99%)	0.1 L	\$ 870
DLM-304	Propene (D ₆ , 98%)	1 L	\$ 180
<i>* suggested packaging in breakseal flask (no charge) or cylinder (at additional cost)</i>			
Propylene Oxide*			
DLM-1067	1,2-Propylene Oxide (D ₆ , 98%)	5 g	\$ 745
<i>*suggested packaging in cylinder (at additional cost)</i>			
Styrene			
DLM-1083	Styrene (vinyl-1,2,2-D ₃ , 98%) inhibited with BHT	5 g	\$420
DLM-809	Styrene (ring-D ₅ , 98%) inhibited with BHT	5 g	\$ 468
DLM-380	Styrene (D ₈ , 98%) inhibited with BHT	1 g 5 g	\$ 70 \$ 245
Terephthalic Acid			
DLM-1088	Terephthalic Acid (ring-D ₈ , 98%)	1 g 5 g	\$ 52 \$ 155

