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RESEARCH PRODUCTS

Stable Isotope- Labeled Synthetic Intermediates



Cambridge Isotope Laboratories, Inc. (CIL) offers over 15,000 stable isotope-labeled products for your synthetic applications, including the manufacturing of APIs. Many labeling patterns are available for common starting materials. For more than 30 years, CIL has offered:

- Expertise and quality service from your initial quote request through delivery of your order
- Flexibility of scale for custom and catalog products from milligram to multi-kilogram quantities
- cGMP suite for manufacturing clinical trial grade materials (CTM)

Catalog No.	Description
DLM-112	Acetaldehyde-d (D, 99%)
DLM-12RG*	Acetic acid-d ₄ (D, 99%)
DLM-1556	Acetic acid-d (D, 98%)
DLM-1162	Acetic anhydride-d ₆ (D, 98%)
DLM-9RG*	Acetone-d ₆ (D, 99.5%)
DLM-247	Acetyl chloride-d ₃ (D, 98%)
DLM-855	Acrylic-2,3,3-d ₃ acid (D, 98%) (+ 0.1% 4-methoxyphenol) <5% H ₂ O
DLM-710RG*	Ammonium deuterioxide-d ₅ (D, 99%) ~25% sol in D ₂ O
DLM-862	Aniline-ring-d ₅ (D, 98%)
DLM-1RG*	Benzene-d ₆ (D, 99%)
DLM-494	Biphenyl-d ₁₀ (D, 98%)
DLM-1315	Borane-d ₃ (D, 98%) (1 molar in THF) (+0.005M NaBD ₄)
DLM-4747	Borane-d ₃ methylsulfide complex (D, 98%) (contains 10% additional dimethylsulfide)
DLM-398	Bromobenzene-d ₅ (D, 99%)
DLM-874	Bromoethane-d ₅ (D, 98%)
DLM-181	1,4-Butanediol-2,2,3,3-d ₄ (D, 98%)
DLM-1664	<i>tert</i> -Butanol-d ₁₀ (D, 98%)
DLM-1116	<i>tert</i> -Butyl chloride-d ₉ (D, 98%)
DLM-263	Chlorobenzene-d ₅ (D, 99%)
DLM-7RG*	Chloroform-d (D, 99.7%)
DLM-337	Chloromethane-d ₃ (D, 99%)
DLM-1560	Cyclohexanone-d ₁₀ (D, 98%)
DLM-2781	Cyclopentyl bromide-d ₉ (D, 98%)
DLM-1003DR	Deuterium (D, 99.96%) <400 ppm HD
DLM-408DR	Deuterium (D, 99.8%) (D ₂ , 99.6% + HD, 0.4%)

*RG = reagent grade CP = chemical purity

Catalog No.	Description
DLM-458DR	Deuterium chloride (D, 99%)
DLM-3DR	Deuterium chloride (D, 99.5%) DCI 35% w/w solution in D ₂ O
DLM-2	Deuterium chloride (D, 99.5%) DCI 20% w/w solution in D ₂ O
DLM-4DR-99.8	Deuterium oxide (D, 99.8%)
DLM-4DR	Deuterium oxide (D, 99.9%)
DLM-195	1,2-Dibromoethane-d ₄ (D, 99%)
DLM-158	1,2-Dichlorobenzene-d ₄ (D, 99%)
DLM-265	Dimethyl-d ₆ -amine-HCl (D, 98%)
DLM-3903	Dimethyl carbonate-d ₆ (D, 99%)
DLM-196	Dimethyl sulfate-d ₆ (D, 98%)
DLM-10RG*	Dimethyl sulfoxide-d ₆ (D, 99.9%)
DLM-25	<i>N,N</i> -Dimethylformamide-d ₇ (D, 99.5%)
DLM-1670	<i>N,N</i> -Dimethylformamide (formyl-D, 98-99%)
DLM-16	Ethanol-d (D, 99%) <6% D ₂ O
DLM-31	Ethanol-d ₆ (D, 99%) anhydrous
DLM-9660	<i>N</i> -Ethylaniline-d ₁₀ (D, 98%)
DLM-9626	<i>N</i> -Ethyl-d ₅ -aniline (D, 98%)
DLM-347	Ethylene-d ₄ (D, 98%)
DLM-805	Formaldehyde-d ₂ (D, 98%) ~20% w/w in D ₂ O
DLM-286	Formic acid-d ₂ (D, 98%) <5% D ₂ O
DLM-743	Formic acid (formyl-D, 98%) <5% H ₂ O
DLM-423	<i>n</i> -Heptane-d ₁₆ (D, 98%)
DLM-272	Iodoethane-d ₅ (D, 99%) + copper wire
DLM-1023	Iodoethane-1,1-d ₂ (D, 98%) + copper wire
DLM-1024	Iodoethane-2,2,2-d ₃ (D, 98%) + copper wire

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Catalog No.	Description
DLM-44	Isopropanol-d ₈ (D, 99%)
DLM-6201	α-Ketoglutaric acid-3,3,4,4-d ₄ (D, 98%) CP 90%
DLM-1945	bis(2-chloroethoxy)-d ₈ Methane (D, 98%)
DLM-1981	Methanesulfonic acid-d ₄ (D, 97-98%)
DLM-24RG*	Methanol-d ₄ (D, 99.5%)
DLM-15	Methanol-d (D, 99%)
DLM-651	Methyl formate (formyl-D, 99%)
DLM-362	Methyl iodide-d ₃ (D, 99.5%) + copper wire
DLM-1500DR	Methylamine-d ₃ (D, 98%)
DLM-289	Methyl-d ₃ -amine·HCl (D, 98%)
DLM-9707	Methyl-d ₃ methanesulfonate (D, 98%)
DLM-23	Methylene chloride-d ₂ (D, 99.8%)
DLM-3484	Morpholine-2,2,3,3,5,5,6,6-d ₈ (D, 98%)
DLM-295	2-Nitrophenol-ring-d ₄ (D, 98%)
DLM-296	4-Nitrophenol-ring-d ₄ (D, 98%)
DLM-619	Octanoic acid-d ₁₅ (D, 98%)

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Catalog No.	Description
DLM-300	Paraformaldehyde-d ₂ (D, 99%)
DLM-370	Phenol-d ₆ (D, 98%)
DLM-788	Phthalic anhydride-d ₄ (D, 98%)
DLM-9813	Pivalic acid-trimethyl-d ₉ (D, 98%)
DLM-3078DR	N-Propanol-d ₇ (D, 98%)
DLM-9662	Pyrrolidine-2,2,3,3,4,4,5,5-d ₈ (D, 98%)
DLM-226	Sodium borodeuteride-d ₄ (D, 99%) CP 90-95%
DLM-45DR	Sodium deuterioxide (D, 99.5%) 40% in D ₂ O
DLM-1361	Sodium formate (D, 98%)
DLM-8206	Sodium 2,2-dimethyl-2-silapentane-5-sulfonate-d ₆ (DSS) (D, 98%)
DLM-33DR	Sulfuric acid-d ₂ (D, 99%) 96-98% in D ₂ O
DLM-36	Tetrahydrofuran-d ₈ (D, 99.5%)
DLM-2729	Tetramethylsilane-d ₁₂ (D, 98%)
DLM-5RG*	Toluene-d ₈ (D, 99.5%)
DLM-46RG*	Trifluoroacetic acid-d (D, 99%)

Multiple sizes and quantity discounts are available; please inquire.

