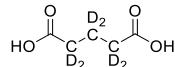
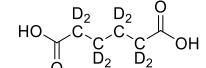
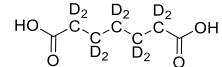
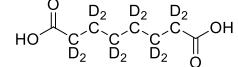
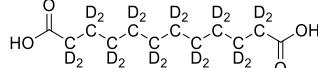
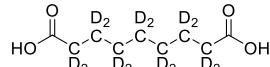
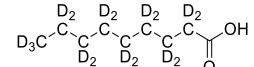


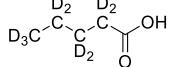
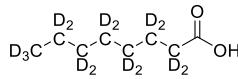
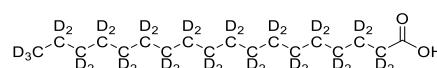
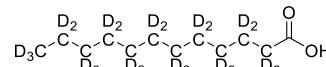
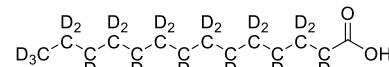
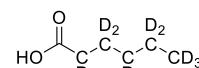
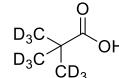
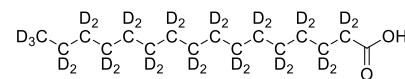
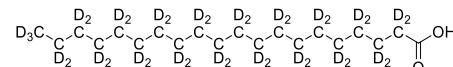
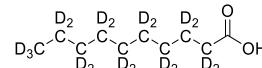
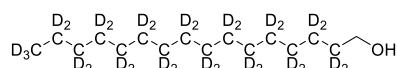
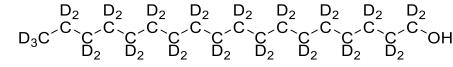
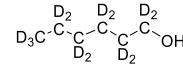
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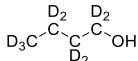
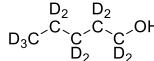
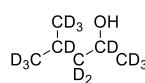
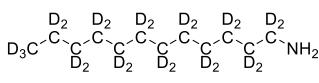
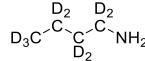
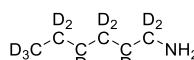
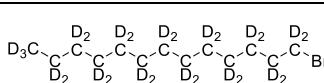
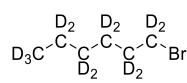
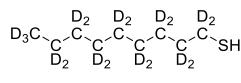
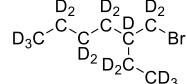
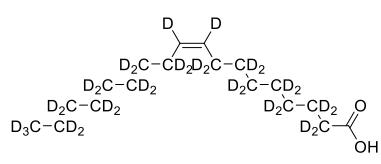
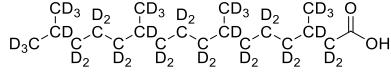
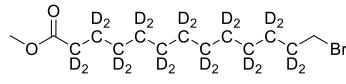
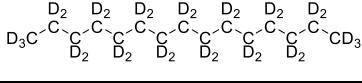
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NDF-A. Carboxylic acids, alcohols, amines, alkyl halides, thiols, alkanes		
Product code	Compound name/s and publication links	Chemical structure
NDF-A-001	Pentanedioic acid-d ₆ glutaric acid-d ₆	
NDF-A-002	Hexanedioic acid-d ₈ adipic acid-d ₈	
NDF-A-003	Heptanedioic acid-d ₁₀ Pimelic acid-d ₁₀	
NDF-A-004	Octanedioic acid-d ₁₂ Suberic acid-d ₁₂	
NDF-A-005	Dodecanedioic acid-d ₂₀	
NDF-A-006	Azelaic acid-d ₁₄ http://dx.doi.org/10.1002/jlcr.3088	
NDF-A-007	nonanoic acid-d ₁₇ http://dx.doi.org/10.1002/jlcr.3088	

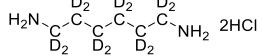
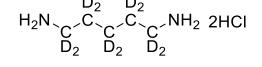
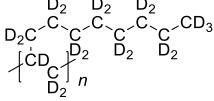
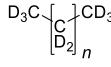
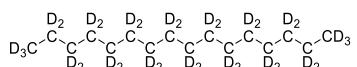
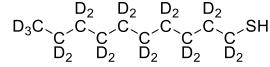
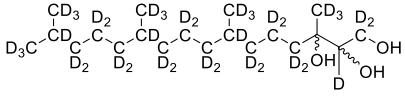
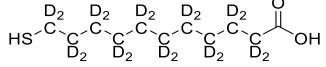
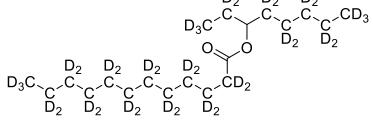
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NDF-A. Carboxylic acids, alcohols, amines, alkyl halides, thiols, alkanes		
Product code	Compound name/s and publication links	Chemical structure
NDF-A-008	pentanoic acid-d ₉	
NDF-A-009	Octanoic acid-d ₁₅ Caprylic acid-d ₁₅ http://dx.doi.org/10.1016/j.eurpolymj.2018.05.031 https://doi.org/10.1016/j.jcis.2014.11.026 http://dx.doi.org/10.1039/C4SC02064B	
NDF-A-010	Octadecanoic acid-d ₃₅ 1-heptadecanecarboxylic acid-d ₃₅ Stearic acid-d ₃₅ https://doi.org/10.1016/j.colsurfb.2019.110362 http://dx.doi.org/10.1039/C5CP02702K	
NDF-A-011	Dodecanoic acid-d ₂₃ Lauric acid-d ₂₃ https://doi.org/10.1016/j.jcis.2014.11.026	
NDF-A-012	Tetradecanoic acid-d ₂₇ Myristic acid-d ₂₇ https://doi.org/10.1016/j.jcis.2014.11.026	
NDF-A-013	Hexanoic acid-d ₁₁ https://doi.org/10.1016/j.tetlet.2013.03.031	
NDF-A-014	2,2-Dimethylpropionic acid-d ₉ Trimethylacetic acid-d ₉ Pivalic acid-d ₉	
NDF-A-015	Hexadecanoic acid-d ₃₁ palmitic acid-d ₃₁ https://doi.org/10.1016/j.colsurfb.2019.110362 https://doi.org/10.1039/C7CE01303E http://dx.doi.org/10.1002/cplu.201500452	
NDF-A-016	Arachidic acid-d ₃₉ Eicosanoic acid-d ₃₉	
NDF-A-017	decanoic acid-d ₁₉ https://doi.org/10.1016/j.chemphyslip.2015.06.007	
NDF-A-018	1-hexadecanol-d ₃₁	
NDF-A-019	1-octadecanol-d ₃₇ Steryl alcohol-d ₃₇ http://dx.doi.org/10.1021/la400143k	
NDF-A-020	1-Hexanol-d ₁₃	

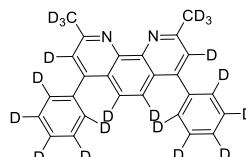
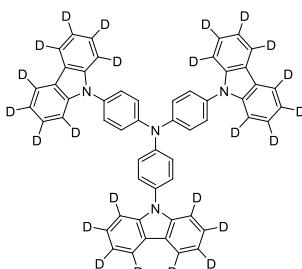
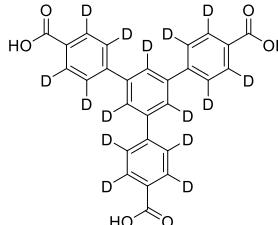
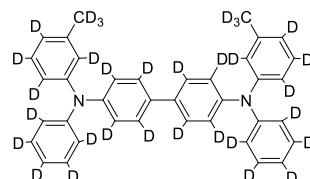
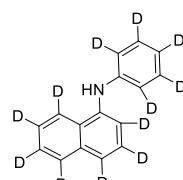
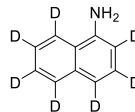
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NDF-A. Carboxylic acids, alcohols, amines, alkyl halides, thiols, alkanes		
Product code	Compound name/s and publication links	Chemical structure
NDF-A-021	1-Butanol-d ₉	
NDF-A-022	1-pentanol-d ₁₁	
NDF-A-023	4-methyl-2-pentanol-d ₁₃	
NDF-A-024	dodecylamine-d ₂₅	
NDF-A-025	1-Butylamine-d ₉ https://doi.org/10.1016/j.tetlet.2013.03.031	
NDF-A-026	1-Hexylamine-d ₁₃ https://doi.org/10.1016/j.tetlet.2013.03.031	
NDF-A-027	1-bromotridecane-d ₂₇	
NDF-A-028	1-Bromohexane-d ₁₃	
NDF-A-029	nonane-1-thiol-d ₁₉	
NDF-A-030	2-Ethylhexyl bromide d ₁₇	
NDF-A-031	oleic acid-d ₃₃ http://dx.doi.org/10.1002/cplu.201500452 http://dx.doi.org/10.1002/ilcr.3088	
NDF-A-032	Phytanic acid-d ₃₉ https://doi.org/10.1016/j.jcis.2018.09.022 https://doi.org/10.1016/j.chemphyslip.2014.04.004	
NDF-A-033	methyl 13-bromotridecanoate-d ₂₂	
NDF-A-034	pentadecane-d ₃₂	

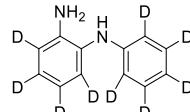
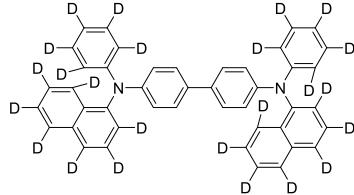
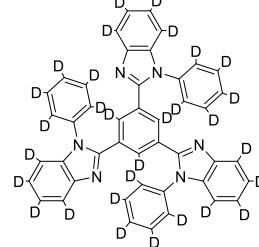
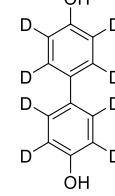
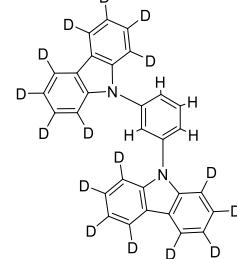
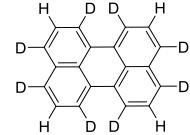
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NDF-A. Carboxylic acids, alcohols, amines, alkyl halides, thiols, alkanes		
Product code	Compound name/s and publication links	Chemical structure
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NDF-A-036	pentamethylenediamine.2HCl d ₁₀	
NDF-A-037	Deuterated poly (1-decene)	
NDF-A-038	Deuterated mineral oil	 Mixture of deuterated higher alkanes
NDF-A-039	Hexadecane-d ₃₄	
NDF-A-040	Decane-1-thiol-d ₂₁	
NDF-A-041	Phytantriol-d ₃₉ https://doi.org/10.1016/j.jcis.2018.09.022	
NDF-A-042	11-mercaptoundecanoic acid-d ₂₀ https://doi.org/10.1021/acs.chemmater.9b01209 http://dx.doi.org/10.1038/s41467-018-03699-7	
NDF-A-043	(2-Ethylhexyl)laurate-d ₄₀	

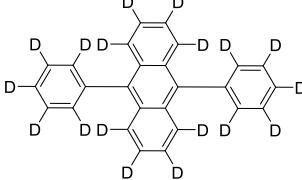
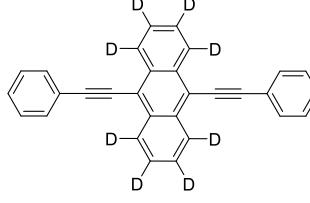
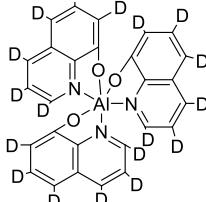
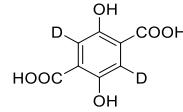
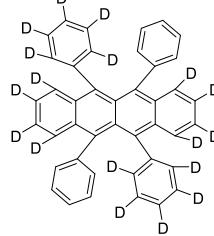
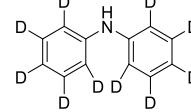
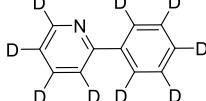
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NDF-B. Aromatic compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-B-001	Bathocuproine-d ₂₀ BCP-d ₂₀ 2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline-d ₂₀ https://doi.org/10.1016/j.tetlet.2011.12.032 https://doi.org/10.1002/admi.201700872 https://doi.org/10.1002/sdtp.11839 https://doi.org/10.1016/j.aca.2016.05.003 https://doi.org/10.1002/admi.201600184 http://dx.doi.org/10.1002/adma.201104029 http://dx.doi.org/10.1002/adfm.201002365	
NDF-B-002	Tris(4-carbazoyl-9-ylphenyl)amine-d ₂₄ TCTA-d ₂₄ https://doi.org/10.1016/j.tetlet.2011.12.032 https://doi.org/10.1021/acsami.7b15542 http://dx.doi.org/10.1002/adma.201104029 http://dx.doi.org/10.1002/adfm.201002365	
NDF-B-003	1,3,5-tris(4-carboxyphenyl)benzene-d ₁₅ BTB-d ₁₅ https://doi.org/10.1002/anie.201311055	
NDF-B-004	<i>N,N'</i> -Bis(3-methylphenyl)- <i>N,N'</i> -diphenylbenzidine-d ₃₂ TPD-d ₃₂ https://doi.org/10.1002/admi.201700872 https://doi.org/10.1002/sdtp.11839 https://doi.org/10.1002/admi.201600184	
NDF-B-005	<i>N</i> -phenylnaphthylamine-d ₁₂ https://doi.org/10.3390/molecules191118604	
NDF-B-006	1-naphthylamine-d ₇ https://doi.org/10.3390/molecules191118604	

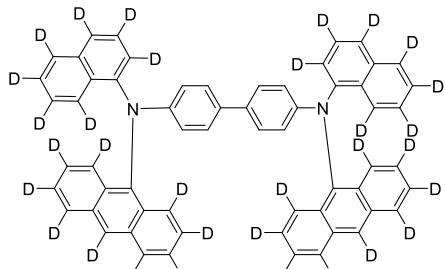
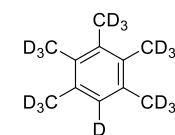
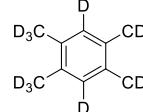
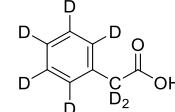
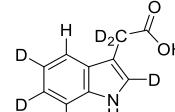
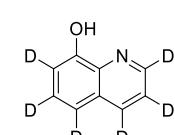
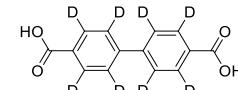
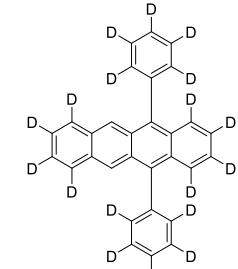
National Deuteration Facility Product List

NDF-B. Aromatic compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-B-007	<i>N</i> -phenyl- <i>o</i> -phenylenediamine-d ₉ https://doi.org/10.3390/molecules191118604	
NDF-B-008	<i>N,N'</i> -Di(1-naphthyl)- <i>N,N'</i> -diphenyl-(1,1'-biphenyl)-4,4'-diamine-d ₂₄ NPD-d ₂₄ NPB-d ₂₄ https://doi.org/10.1021/acsami.7b01450 https://doi.org/10.1002/admi.201600184	
NDF-B-009	2,2',2''-(1,3,5-Benzinetriyl)-tris(1-phenyl-1- <i>H</i> -benzimidazole)-d ₃₀ TPBi-d ₃₀ https://doi.org/10.1021/acsami.7b01450 https://doi.org/10.1002/admi.201600184	
NDF-B-010	Biphenol-d ₈ https://doi.org/10.1021/acs.chemmater.5b04538	
NDF-B-011	1,3-Bis(<i>N</i> -carbazolyl)benzene mCP-d ₁₆	
NDF-B-012	Perylene-d ₈ https://doi.org/10.1021/acs.jpcllett.5b01271	

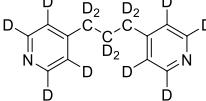
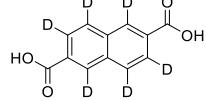
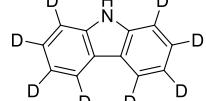
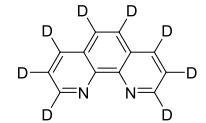
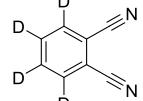
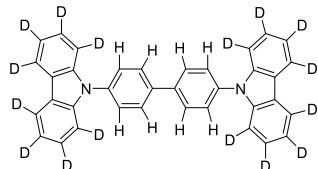
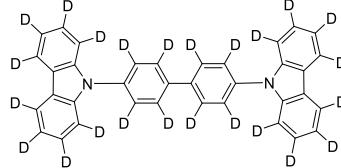
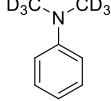
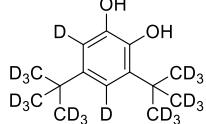
National Deuteration Facility Product List

NDF-B. Aromatic compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-B-013	9,10-di-phenyl anthracene-d ₁₈	
NDF-B-014	9,10-diphenylethenyl-anthracene-d ₈	
NDF-B-015	Alq ₃ -d ₁₈ Tris-(8-hydroxyquinoline) aluminium-d ₁₈ https://doi.org/10.1021/acsami.7b01450	
NDF-B-016	DHTPA-d ₂ 2,5-Dihydroxyterephthalic acid-d ₂ 2,5-Dihydroxy-1,4-benzenedicarboxylic acid-d ₂ http://dx.doi.org/10.1039/C4SC02064B	
NDF-B-017	Rubrene-d ₁₈ 5,6,11,12-tetraphenyltetracene-d ₁₈	
NDF-B-018	diphenylamine-d ₁₀ https://doi.org/10.3390/molecules191118604	
NDF-B-019	2-phenylpyridine-d ₉	

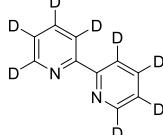
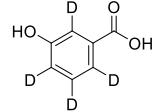
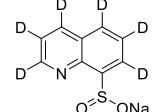
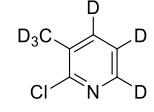
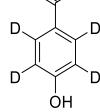
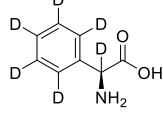
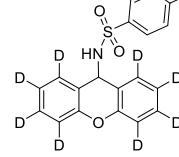
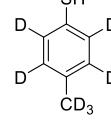
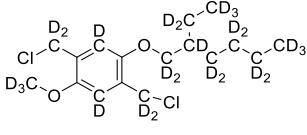
National Deuteration Facility Product List

NDF-B. Aromatic compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-B-020	NAD-d ₃₂ https://doi.org/10.1021/acsmami.7b01450	
NDF-B-021	1,2,3,4,5-pentamethylbenzene-d ₁₆	
NDF-B-022	Durene-d ₁₄ https://doi.org/10.1016/j.aca.2016.05.003	
NDF-B-023	phenylacetic acid-d ₇ https://doi.org/10.1021/acs.chemmater.9b01209 http://dx.doi.org/10.1038/s41467-018-03699-7	
NDF-B-024	indole-3-acetic acid-d ₆	
NDF-B-025	8-hydroxyquinoline-d ₆	
NDF-B-026	4,4'-biphenyldicarboxylic acid-d ₈	
NDF-B-027	5,12-diphenyltetracene-d ₁₈	

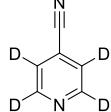
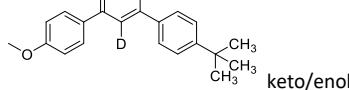
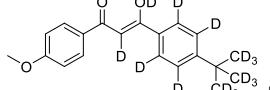
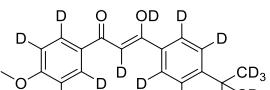
National Deuteration Facility Product List

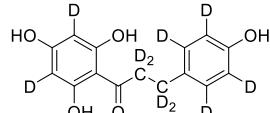
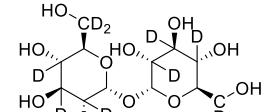
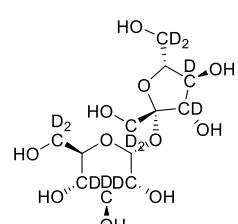
NDF-B. Aromatic compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-B-028	4,4'-trimethylenedipyridine-d ₁₄	
NDF-B-029	2,6-naphthanedicarboxylic acid -d ₆	
NDF-B-030	carbazole-d ₈ https://doi.org/10.1016/j.tetlet.2011.12.032	
NDF-B-031	phenanthroline-d ₈	
NDF-B-032	phthalonitrile-d ₄	
NDF-B-033	4,4'-Bis(<i>N</i> -carbazolyl)-1,1'-biphenyl-d ₁₆ CBP-d ₁₆	
NDF-B-034	4,4'-Bis(<i>N</i> -carbazolyl)-1,1'-biphenyl-d ₂₄ CBP-d ₂₄ https://doi.org/10.1021/acsami.7b15542 https://dx.doi.org/10.1002/adfm.201002365	
NDF-B-035	Dimethylaniline-d ₆	
NDF-B-036	3,5-di- <i>tert</i> -butylcatechol-d ₂₀	

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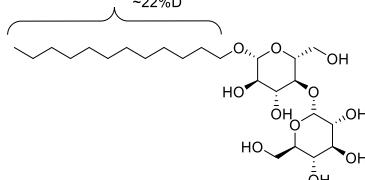
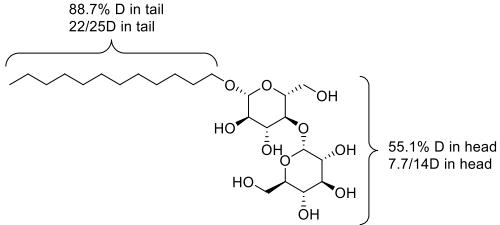
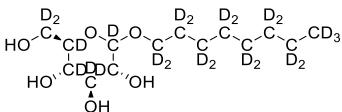
NDF-B. Aromatic compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-B-037	2,2'-bipyridine-d ₈	
NDF-B-038	3-hydroxybenzoic acid-d ₄	
NDF-B-039	8-quinoline sulfinic acid-d ₆	
NDF-B-040	2-chloro-3-methylpyridine-d ₆ http://dx.doi.org/10.1088/1361-648X/aabdf9	
NDF-B-041	4-hydroxybenzoic acid-d ₄ https://doi.org/10.1017/S0885715617000720	
NDF-B-042	Phenylglycine-d ₆	
NDF-B-043	4-methyl-N-(9H-xanthen-9yl) benzenesulfonamide-d ₈	
NDF-B-044	4-methylbenzenethiol-d ₇	
NDF-B-045	MEH PPV monomer-d ₂₆ http://dx.doi.org/10.1039/C9TC05322K http://dx.doi.org/10.1002/anie.202002477	

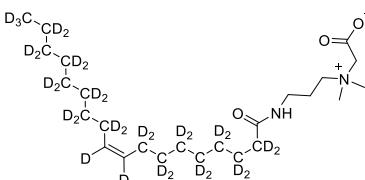
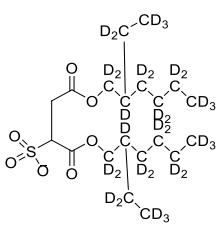
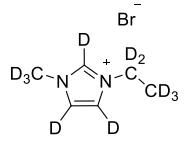
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NDF-B. Aromatic compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-B-046	4-cyanopyridine-d ₄	
NDF-B-047	Avobenzone-d ₂	 keto/enol
NDF-B-048	Avobenzone-d ₁₅	 keto/enol
NDF-B-049	Avobenzone-d ₁₉	 keto/enol

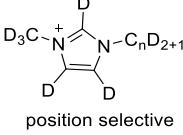
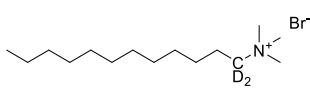
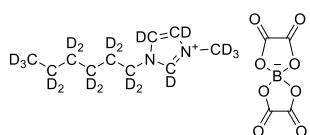
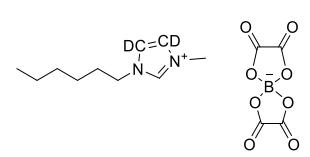
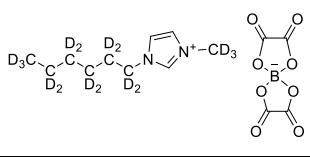
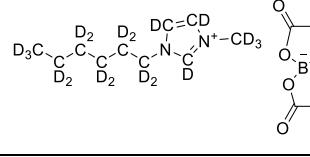
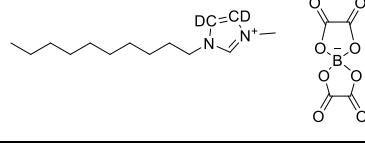
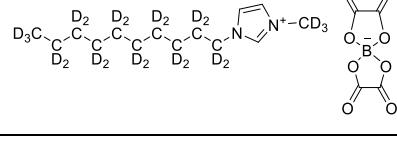
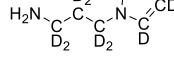
NDF-C. Sugars and related compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-C-001	Phloretin-d ₁₀	
NDF-C-002	Trehalose-d ₁₀ http://dx.doi.org/10.1021/acs.langmuir.5b02127 https://doi.org/10.1098/rsif.2014.0069	
NDF-C-003	Sucrose-d ₁₁ http://dx.doi.org/10.1021/acs.langmuir.5b02127	

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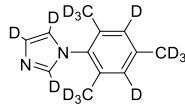
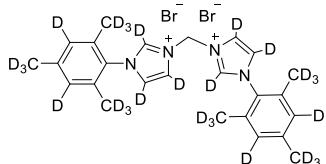
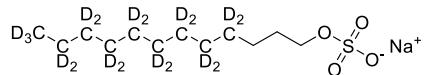
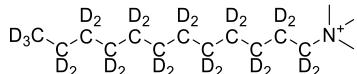
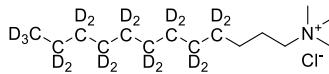
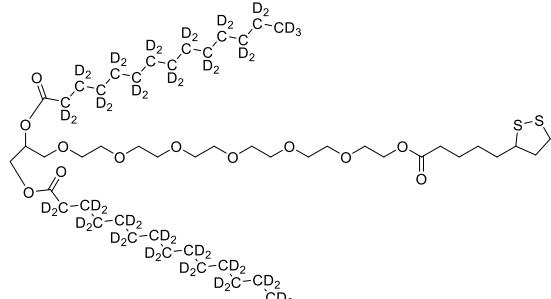
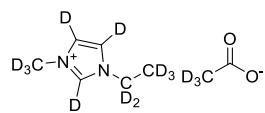
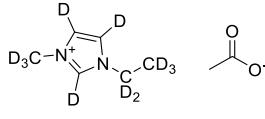
NDF-C. Sugars and related compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-C-004	n-Dodecyl-β-D-maltopyranoside DDM deuterated tail 22% D	
NDF-C-005	n-Dodecyl-β-D-maltopyranoside DDM head 55%D tail 89%D http://dx.doi.org/doi:10.1107/S2052252518012186 http://dx.doi.org/10.1111/febs.14345	
NDF-C-006	Octyl β-D-glucopyranoside n-octyl glucoside http://dx.doi.org/10.1111/febs.14345	

NDF-D. Ionic compounds/surfactants		
Product code	Compound name/s and publication links	Chemical structure
NDF-D-001	Oleic betaine-d ₃₃ OAPB-d ₃₃ https://doi.org/10.1016/j.jcis.2018.09.046	
NDF-D-002	Sodium bis(2-ethylhexyl-d ₁₇) sulfosuccinate	
NDF-D-003	1-Ethyl-3-methylimidazolium bromide-d ₁₁ EMIM Br-d ₁₁	

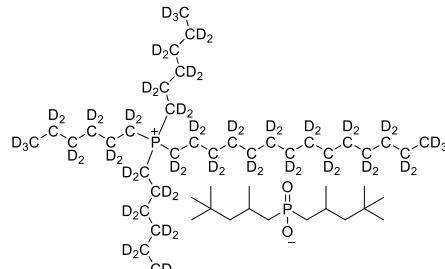
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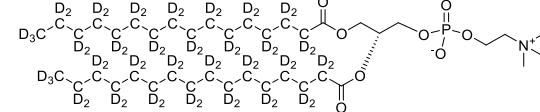
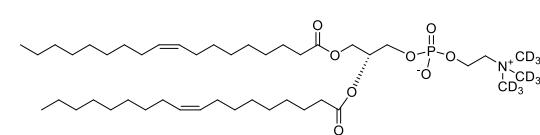
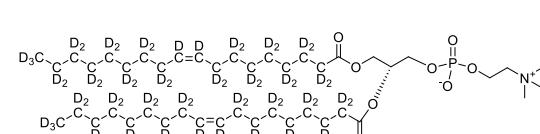
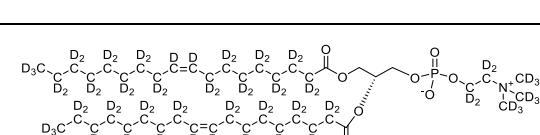
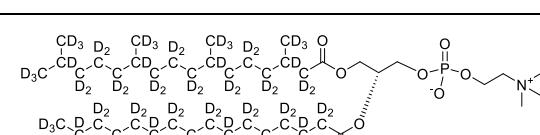
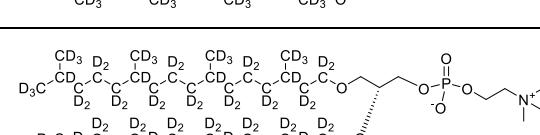
NDF-D. Ionic compounds/surfactants		
Product code	Compound name/s and publication links	Chemical structure
NDF-D-004	[C _n mim] ⁺ (n = 2, 4, 8, 10) 1-Alkyl-3-methylimidazolium chloride (alkyl = ethyl, butyl, octyl, decyl) https://doi.org/10.1039/C9CP02479D http://dx.doi.org/10.1016/j.physb.2018.01.063	 position selective
NDF-D-005	Dodecyltrimethylammonium bromide-d ₂ DTAB-d ₂ http://dx.doi.org/10.1088/1361-648X/ab49a8	
NDF-D-006	1-Hexyl-3-methyl-imidazolium-d ₁₉ bis(oxalato)borate	
NDF-D-007	1-Hexyl-3-methyl-4,5-d ₂ -imidazolium bis(oxalato)borate	
NDF-D-008	1-Hexyl-d ₁₃ -3-methyl-d ₃ -imidazolium bis(oxalato)borate	
NDF-D-009	1-hexyl-3-methyl-imidazolium-d ₂₇ bis(oxalato)borate	
NDF-D-010	1-Decyl-3-methyl-4,5-d ₂ -imidazolium bis(oxalato)borate	
NDF-D-011	1-Decyl-d ₂₁ -3-methyl-d ₃ -imidazolium bis(oxalato)borate	
NDF-D-012	1-(3-Aminopropyl)imidazole-d ₉	

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NDF-D. Ionic compounds/surfactants		
Product code	Compound name/s and publication links	Chemical structure
NDF-D-013	<i>N</i> -2,4,6-trimethylphenyl imidazole-d ₁₄ (MesIm) salt (d-(MesIm) ₂ CD ₂ Br ₂ https://doi.org/10.1039/C4FD00182F	 
NDF-D-014	Sodium lauryl sulfate-d ₁₉ (selective)	
NDF-D-015	Dodecyltrimethylammonium chloride-d ₂₅	
NDF-D-016	Dodecyltrimethylammonium chloride-d ₁₉ (selective)	
NDF-D-017	LA-DL14-d ₅₄ (WC 14 analogue)	
NDF-D-018	1-ethyl-3-methyl-imidazolium acetate-d ₁₄ EMIMAc-d ₁₄ https://doi.org/10.1021/acs.macromol.8b01425	
NDF-D-019	1-ethyl-3-methyl-imidazolium acetate-d ₁₁ EMIMAc-d ₁₁	

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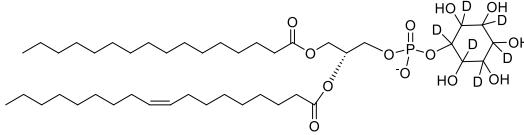
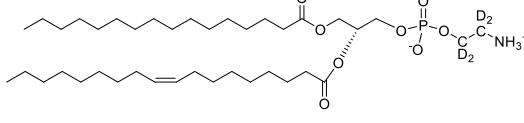
NDF-D. Ionic compounds/surfactants		
Product code	Compound name/s and publication links	Chemical structure
NDF-D-020	d-trihexyltetradecyl phosphonium bis(2,4,4-trimethylpentyl)phosphinate-d ₆₈ https://doi.org/10.1021/acs.jpcc.8b05952	

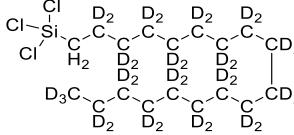
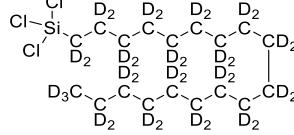
NDF-E. Phospholipids		
Product code	Compound name/s (Publication links included if available)	Chemical structure
NDF-E-001	1,2-dipalmitoyl-sn-glycero-3-phosphocholine-d ₆₂ DPPC-d ₆₂	
NDF-E-002	1,2-dioleoyl-sn-glycero-3-phosphocholine-d ₉ DOPC-d ₉ https://doi.org/10.1016/j.colsurfb.2019.01.040	
NDF-E-003	1,2-dioleoyl-sn-glycero-3-phosphocholine-d ₆₄ DOPC-d ₆₆ https://doi.org/10.1016/j.colsurfb.2019.01.040	
NDF-E-004	1,2-dioleoyl-sn-glycero-3-phosphocholine-d ₇₇ DOPC-d ₇₉	
NDF-E-005	tail-deuterated DphyPC-d ₇₈ 1,2-di(3RS,7R,11R-phytanoyl)-sn-glycero-3-phosphocholine https://doi.org/10.1016/j.chemphyslip.2014.04.004	
NDF-E-006	Tail deuterated DPEPC-d ₈₂ 1,2-di(3RS,7R,11R-phytanyl)-sn-glycero-3-phosphocholine https://doi.org/10.1016/j.chemphyslip.2014.04.004	

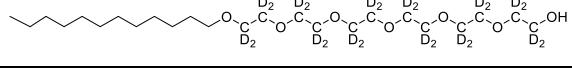
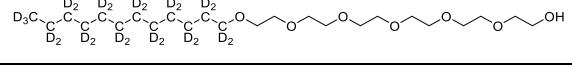
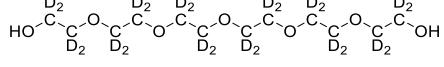
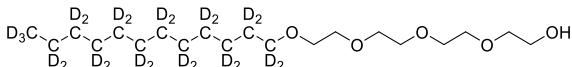
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NDF-E. Phospholipids		
Product code	Compound name/s (Publication links included if available)	Chemical structure
NDF-E-007	1,2-palmitoyl-sn-glycero-3-phosphocholine-d ₉ DPPC-d ₉ https://doi.org/10.1016/j.colsurfb.2019.01.040	
NDF-E-008	1-palmitoyl-2-oleoyl-glycero-3-phosphocholine-d ₉ POPC-d ₉	
NDF-E-009	1-palmitoyl-2-oleoyl-glycero-3-phosphocholine-d ₁₃ POPC-d ₁₃	
NDF-E-010	1-palmitoyl-2-oleoyl-glycero-3-phosphocholine-d ₄₄ POPC-d ₄₄	
NDF-E-011	1-palmitoyl-2-oleoyl-glycero-3-phosphocholine-d ₈₁ POPC-d ₈₂ http://dx.doi.org/10.1002/cplu.201500452	
NDF-E-012	1-palmitoyl-2-oleoyl-glycero-3-phosphocholine-d ₆₄ POPC-d ₆₄ https://doi.org/10.1016/j.bjpi.2017.06.027	
NDF-E-013	1-palmitoyl-2-oleoyl-glycero-3-phosphocholine-d ₇₇ POPC-d ₇₇	
NDF-E-014	Hydro soy phosphocholine-d ₇₀ HSPC-d ₇₀ https://doi.org/10.1016/j.colsurfb.2019.110362	
NDF-E-015	DOPE-d ₆₆	
NDF-E-016	DLPA-d ₄₆	

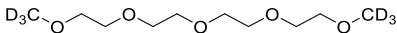
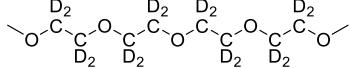
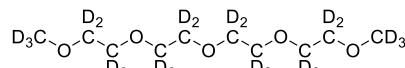
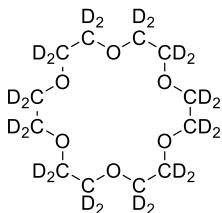
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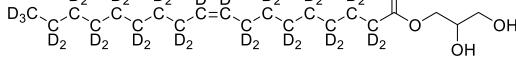
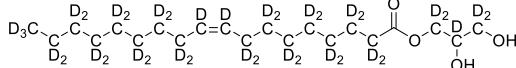
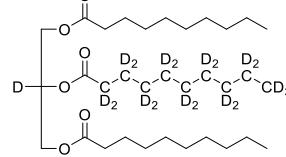
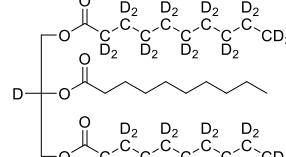
NDF-E. Phospholipids		
Product code	Compound name/s (Publication links included if available)	Chemical structure
NDF-E-017	1-palmitoyl-2-oleoyl-sn-glycero-3-phosphoinositol-d ₆	
NDF-E-018	1-palmitoyl-2-oleoyl-sn-glycero-3-phosphoethanolamine-d ₄	

NDF-F. Silicon containing compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-F-001	octadecyltrichlorosilane-d ₃₅ OTS-d ₃₅ http://dx.doi.org/10.1039/C5CP02702K	
NDF-F-002	octadecyltrichlorosilane-d ₃₇	

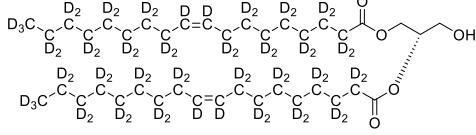
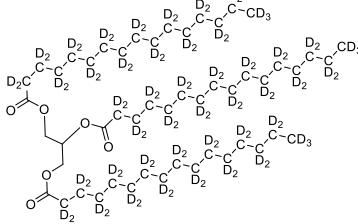
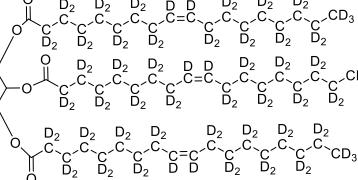
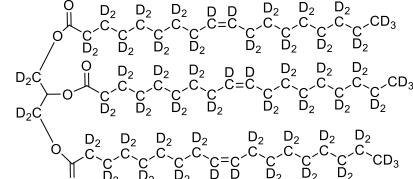
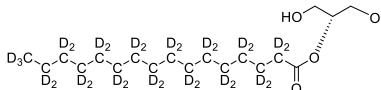
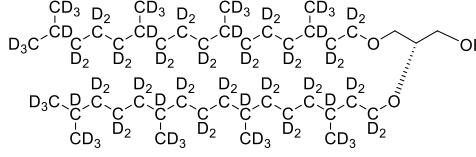
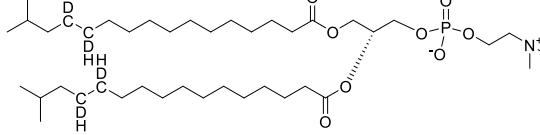
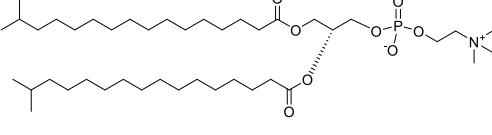
NDF-G. Glycols and related compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-G-001	Hexaethylene glycol-d ₂₄ -monododecyl ether	
NDF-G-002	Hexaethylene glycol monododecyl ether-d ₂₅	
NDF-G-003	Hexaethylene glycol-d ₂₄	
NDF-G-004	Tetraethylene glycol monododecyl ether-d ₂₅	

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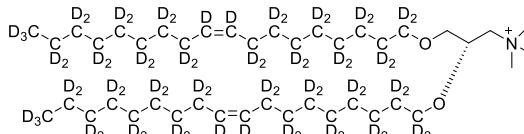
NDF-G. Glycols and related compounds		
Product code	Compound name/s and publication links	Chemical structure
NDF-G-005	Tetraethylene glycol-h ₁₆ -dimethyl ether-d ₆	
NDF-G-006	Tetraethylene glycol-d ₁₆ -dimethyl ether-h ₆ Tetraglyme-d ₁₆ http://dx.doi.org/10.1039/C6CP00176A	
NDF-G-007	Tetraethylene glycol-h ₆ -dimethylether-d ₂₂ Tetraglyme-d ₂₂ http://dx.doi.org/10.1039/C6CP00176A	
NDF-G-008	18-crown-6-d ₂₄	

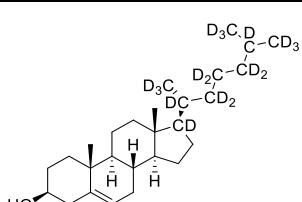
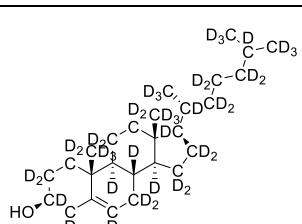
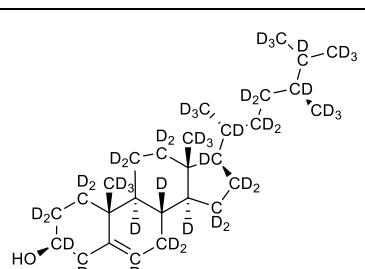
NDF-H. Glycerides		
Product code	Compound name/s and publication links	Chemical structure
NDF-H-001	1-monoolein-d ₃₃ GMO-d ₃₃	
NDF-H-002	1-monoolein-d ₃₈ GMO-d ₃₈ https://doi.org/10.1021/acs.langmuir.9b00647	
NDF-H-003	Tricaprin-d ₁₉ https://doi.org/10.1016/j.chemphyslip.2015.06.007	
NDF-H-004	Tricaprin-d ₃₈ https://doi.org/10.1016/j.chemphyslip.2015.06.007	

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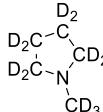
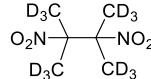
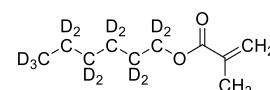
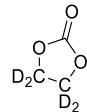
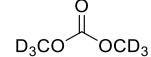
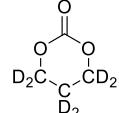
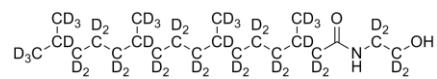
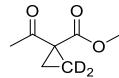
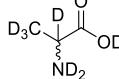
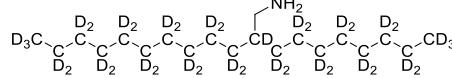
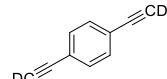
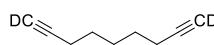
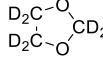
NDF-H. Glycerides		
Product code	Compound name/s and publication links	Chemical structure
NDF-H-005	1,2-di-oleoyl-d ₆₆ -glycerol	
NDF-H-006	tripalmitin-d ₉₃ https://doi.org/10.1016/j.foastr.2019.100124 http://dx.doi.org/10.1016/j.chemphyslip.2019.02.011	
NDF-H-007	triolein-d ₉₉	
NDF-H-008	triolein-d ₁₀₃	
NDF-H-009	2-monopalmitin-d ₃₁	
NDF-H-010	GDPE-d ₈₂ 1,2-di-phytanyl-sn-glycerol-d ₈₂ Diphytanyl-diglyceride ether lipid	
NDF-H-011	d ₂ -isoheptadodecanoic phosphatidyl choline	
NDF-H-012	h ₂ -isoheptadodecanoic phosphatidyl choline	

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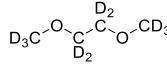
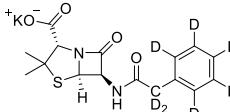
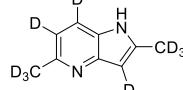
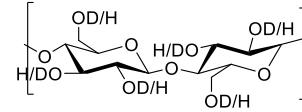
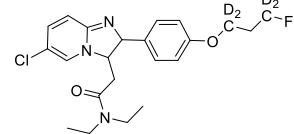
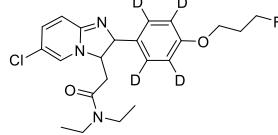
NDF-H. Glycerides		
Product code	Compound name/s and publication links	Chemical structure
NDF-H-013	1,2-di-O-oleyl-3-trimethylammonium propane (chloride salt) DOTMA-d ₇₀	

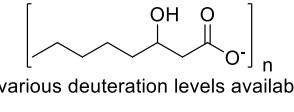
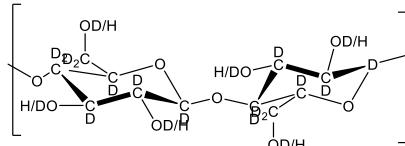
NDF-I. Sterols		
Product code	Compound name/s and publication links	Chemical structure
NDF-I-001	Cholesterol-d ₁₈	
NDF-I-002	Cholesterol-d ₄₅	
NDF-I-003	Campesterol-d ₄₇	

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NDF-J. Miscellaneous		
Product code	Compound name/s and publication links	Chemical structure
NDF-J-001	<i>N</i> -methyl Pyrrolidine-d ₁₁	
NDF-J-002	2,3-dimethyl-2,3-dinitrobutane-d ₁₂ DMNB-d ₁₂ http://dx.doi.org/10.1038/ncomms9240	
NDF-J-003	monomer d-hexyl-h-methacrylate d ₁₃	
NDF-J-004	ethylene carbonate-d ₄ EC-d ₄ https://doi.org/10.1002/jccs.201900448	
NDF-J-005	Dimethyl carbonate-d ₆	
NDF-J-006	Trimethylene carbonate-d ₆	
NDF-J-007	phytanoyl monoethylamine-d ₄₃ http://dx.doi.org/10.1021/acs.jpcllett.6b01173	
NDF-J-008	methyl-1-acetylpropane-d ₂ carboxylate	
NDF-J-009	DL-Alanine-d ₇	
NDF-J-010	2-octyl dodecylamine-d ₃₉	
NDF-J-011	1,4-Diethynylbenzene-d ₂	
NDF-J-012	1,8-nona diyne-d ₂	
NDF-J-013	1,3-dioxolone-d ₆	

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NDF-J. Miscellaneous		
Product code	Compound name/s and publication links	Chemical structure
NDF-J-014	1,2-dimethoxy ethane d ₁₀	
NDF-J-015	benzyl penicillin-d ₇	
NDF-J-016	2,5-dimethyl-4-azaindole-d ₉	
NDF-J-017	cellulose nanocrystal-OD	
NDF-J-018	Acetonitrile-d ₃	
NDF-J-019	PBR111-d ₄ (propyl) https://doi.org/10.1016/j.aca.2019.02.025	
NDF-J-020	PBR111-d ₄ (ring) https://doi.org/10.1016/j.aca.2019.02.025	

NDF-K. Biopolymers		
Product code	Compound name/s and publication links	Chemical structure
NDF-K-001	Poly(3-hydroxy) octanoic acid (PHO-d ₁ /d ₁₃ /d ₁₄) http://dx.doi.org/10.1021/bm4017012 https://doi.org/10.1016/j.ibiotec.2007.03.018 https://doi.org/10.1007/s00249-008-0333-9	 various deuteration levels available
NDF-K-002	Cellulose http://dx.doi.org/10.1021/acs.macromol.8b01425 http://dx.doi.org/10.1021/acs.biomac.7b00593 http://dx.doi.org/10.1007/s10570-016-1108-6 http://dx.doi.org/10.1038/srep36119	

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NDF-L. Proteins		
*Biomass or purified protein available		
Product Code	Category	Publication links
NDF-L-001	Partially deuterated protein* Up to 88 (\pm 2) % D incorporation (based on non-exchangeable hydrogens).	http://dx.doi.org/10.1007/978-1-4939-8760-3_7 http://dx.doi.org/10.1039/C8TB02465K http://dx.doi.org/10.1074/jbc.RA118.001860 http://dx.doi.org/10.1016/j.foodhyd.2017.11.045 http://dx.doi.org/10.1021/acs.langmuir.7b02872 http://dx.doi.org/10.1098/rsif.2015.0164 http://dx.doi.org/10.1021/bm400356m http://dx.doi.org/10.1098/rsif.2012.0987 https://doi.org/10.1016/j.bbci.2012.06.042 http://dx.doi.org/10.1073/pnas.1116975109 http://dx.doi.org/10.1039/C2SM25082A https://doi.org/10.1016/j.fbp.2011.12.004
NDF-L-002	Perdeuterated protein* \geq 99 % D incorporation (based on non-exchangeable hydrogens).	http://dx.doi.org/doi:10.7566/JPSCP.25.011003 https://doi.org/10.1016/j.ab.2015.06.008
NDF-L-003	Triple-labelled (²H/¹³C/¹⁵N) protein* Partial ² H and uniform ¹³ C/ ¹⁵ N labelling.	http://dx.doi.org/10.1038/s42003-018-0063-1 http://dx.doi.org/10.1039/C5CC07345F http://dx.doi.org/10.1021/ja504603g http://dx.doi.org/10.1002/anie.201205625
NDF-L-004	Double-labelled (²H/¹⁵N) protein* Partial ² H and uniform ¹⁵ N labelling.	http://dx.doi.org/10.1371/journal.pone.0200387
NDF-L-005	Double-labelled (¹³C/¹⁵N) protein* Uniform ¹³ C/ ¹⁵ N labelling.	Additional information available upon request
NDF-L-006	Selectively-labelled protein* Various labelling schemes possible.	Additional information available upon request