

## Detergent Structures

**HR2-406**

### Detergent 1 (A1)

10% w/v BAM

#### Synonyms

Benzyltrimethylammonium bromide

#### Detergent Type

Ionic

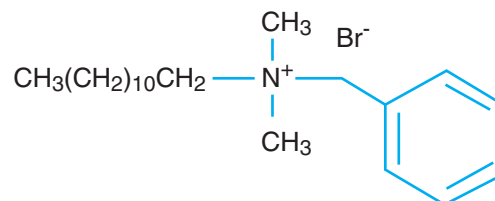
#### Chemical Information

CAS Number: [ 7281-04-1 ]

Molecular Weight: 384.44

Molecular Formula: C<sub>21</sub>H<sub>38</sub>BrN

#### Structure



### Detergent 2 (A2)

50.0 mM n-Dodecyl-β-iminodipropionic acid, monosodium salt

#### Synonyms

Monosodium-N-lauryl-β-iminodipropionate

#### Detergent Type

Ionic

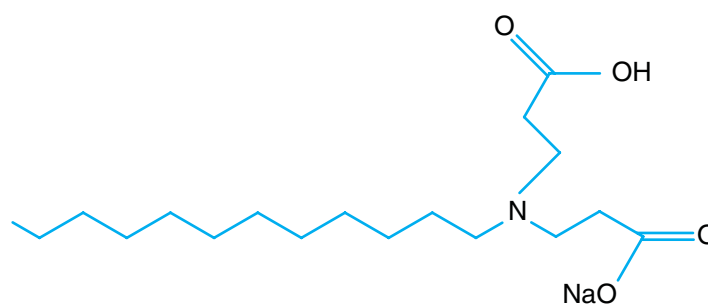
#### Chemical Information

CAS Number: [ 14960-06-6 ]

Molecular Weight: 351.46

Molecular Formula: C<sub>18</sub>H<sub>34</sub>NO<sub>4</sub>Na

#### Structure



### Detergent 3 (A3)

0.46 mM Dodecyltrimethylammonium chloride

#### Synonyms

None

#### Detergent Type

Ionic

#### Chemical Information

CAS Number: [ 112-00-5 ]

Molecular Weight: 263.90

Molecular Formula: C<sub>15</sub>H<sub>34</sub>ClN

#### Structure



## Detergent Structures

HR2-406

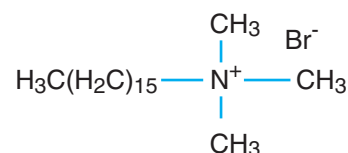
### Detergent 4 (A4)

10.0 mM CTAB

#### Structure

#### Synonyms

Hexadecyltrimethylammonium bromide / Cetrimonium bromide / Cetyltrimethylammonium bromide / Palmityltrimethylammonium bromide



#### Detergent Type

Ionic

#### Chemical Information

CAS Number: [ 57-09-0 ]

Molecular Weight: 364.45

Molecular Formula: C<sub>19</sub>H<sub>42</sub>BrN

### Detergent 5 (A5)

60.0 mM Deoxycholic acid, sodium salt

#### Structure

#### Synonyms

3 $\alpha$ ,12 $\alpha$ -Dihydroxy-5 $\beta$ -cholan-24-oic acid, monosodium salt

#### Detergent Type

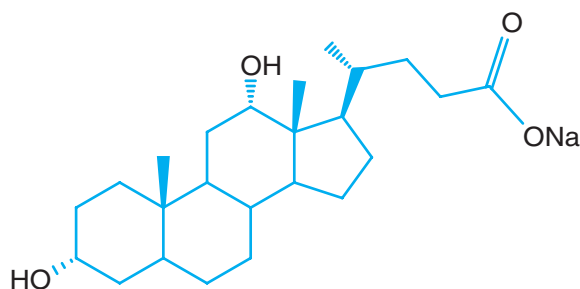
Ionic

#### Chemical Information

CAS Number: [ 302-95-4 ]

Molecular Weight: 414.56

Molecular Formula: C<sub>24</sub>H<sub>39</sub>O<sub>4</sub>Na



### Detergent 6 (A6)

80.0 mM Sodium dodecyl sulfate

#### Structure

#### Synonyms

SDS / Sulfuric acid monododecyl ester sodium salt

#### Detergent Type

Ionic

#### Chemical Information

CAS Number: [ 151-21-3 ]

Molecular Weight: 289.39

Molecular Formula: C<sub>12</sub>H<sub>26</sub>O<sub>4</sub>SNa



## Detergent Structures

HR2-406

### Detergent 7 (A7)

140.0 mM Sodium cholate

#### Synonyms

3 $\alpha$ ,7 $\alpha$ ,12 $\alpha$ -Trihydroxy-5 $\beta$ -cholan-24-oic acid, monosodium salt

#### Detergent Type

Ionic

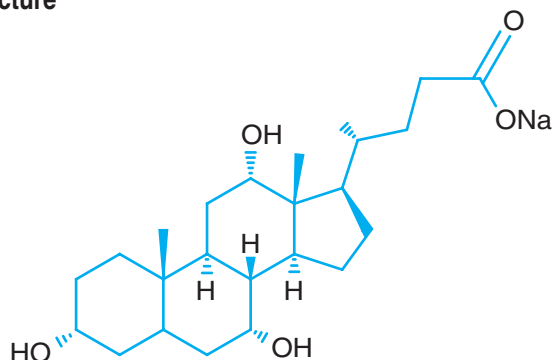
#### Chemical Information

CAS Number: [ 361-09-1 ]

Molecular Weight: 430.56

Molecular Formula: C<sub>24</sub>H<sub>39</sub>O<sub>5</sub>Na

#### Structure



### Detergent 8 (A8)

144.0 mM Sodium dodecanoyl sarcosine

#### Synonyms

Sodium lauroyl sarcosine / Sarkosyl / N-Methyl-N-(1-oxododecyl)-glycine, sodium salt

#### Detergent Type

Ionic

#### Chemical Information

CAS Number: [ 137-16-6 ]

Molecular Weight: 294.39

Molecular Formula: C<sub>15</sub>H<sub>29</sub>NO<sub>3</sub>Na

#### Structure



### Detergent 9 (A9)

10% w/v ANAPOE<sup>®</sup>-X-305

#### Synonyms

TRITON<sup>®</sup> X-305 /  $\alpha$ -[4-(1,1,3,3-Tetramethylbutyl)phenyl]- $\omega$ -hydroxy-poly(oxy-1,2-ethanediyl)

#### Detergent Type

Non Ionic

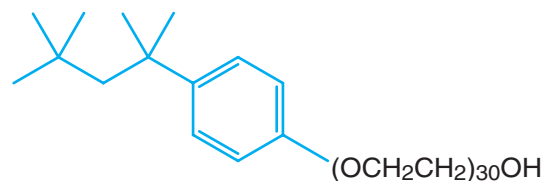
#### Chemical Information

CAS Number: [ 9002-93-1 ]

Molecular Weight: ~1526

Molecular Formula: t-Oct-C<sub>6</sub>H<sub>4</sub>-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>OH, n~30

#### Structure



## Detergent Structures

HR2-406

### Detergent 10 (A10)

10% w/v IPTG

### Structure

#### Synonyms

Isopropyl-β-D-thiogalactopyranoside /  
1-Methylethyl-1-thio-β-D-galactopyranoside

#### Detergent Type

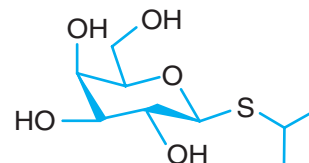
Non Ionic

#### Chemical Information

CAS Number: [367-93-1]

Molecular Weight: 238.30

Molecular Formula: C<sub>9</sub>H<sub>18</sub>O<sub>5</sub>S



### Detergent 11 (A11)

0.006 mM n-Hexadecyl-β-D-maltoside

### Structure

#### Synonyms

n-Hexadecyl-β-D-maltopyranoside

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [98064-96-1]

Molecular Weight: 566.73

Molecular Formula: C<sub>28</sub>H<sub>54</sub>O<sub>11</sub>



### Detergent 12 (A12)

10% w/v ANAPOE® -58

### Structure

#### Synonyms

BRIJ®-58 / C<sub>16</sub>E<sub>20</sub> / α-Hexadecyl-ω-hydroxy-poly(oxy-1,2-ethanediyl) / Polyethylene glycol (20) monohexadecyl ether

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [9004-95-9]

Molecular Weight: ~1122

Molecular Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>C<sub>16</sub>H<sub>34</sub>O, n~20



## Detergent Structures

HR2-406

### Detergent 13 (B1)

0.10 mM n-Tetradecyl-β-D-maltoside

#### Structure

#### Synonyms

n-Tetradecyl-β-D-maltopyranoside / Tetradecyl 4-O-α-D-glucopyranosyl-β-D-glucopyranoside

#### Detergent Type

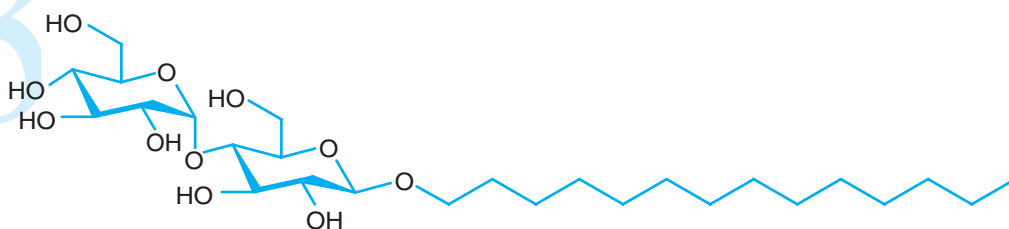
Non Ionic

#### Chemical Information

CAS Number: [18449-82-6]

Molecular Weight: 538.68

Molecular Formula: C<sub>26</sub>H<sub>50</sub>O<sub>11</sub>



### Detergent 14 (B2)

10% w/v ANAPOE® -80

#### Structure

#### Synonyms

TWEEN® 80 / Polyoxyethylene(80)sorbitan monolaurate / Poly(oxy-1,2-ethanediyl) derivs., (Z)-sorbitan mono-9-octadecanoate

#### Detergent Type

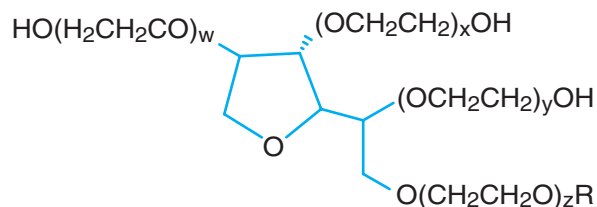
Non Ionic

#### Chemical Information

CAS Number: [9005-65-6]

Molecular Weight: ~1310

Molecular Formula: C<sub>64</sub>H<sub>124</sub>O<sub>26</sub>



Sum of  $w+x+y+z=20$   
R=C<sub>17</sub>H<sub>33</sub>C(O)

### Detergent 15 (B3)

0.33 mM n-Tridecyl-β-D-maltoside

#### Structure

#### Synonyms

n-Tridecyl-β-D-maltopyranoside

#### Detergent Type

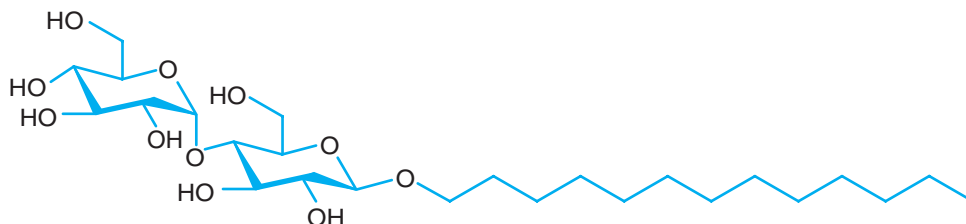
Non Ionic

#### Chemical Information

CAS Number: [93911-12-7]

Molecular Weight: 524.65

Molecular Formula: C<sub>25</sub>H<sub>48</sub>O<sub>11</sub>



## Detergent Structures

HR2-406

### Detergent 16 (B4)

0.50 mM ANAPOE® -C<sub>12</sub>E<sub>9</sub>

### Structure

#### Synonyms

Polyoxyethylene(9)dodecyl ether / Thesit® / α-Dodecyl-ω-hydroxy-poly(oxy-1,2-ethanediyl)



#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [3055-99-0]

Molecular Weight: ~583

Molecular Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>C<sub>12</sub>H<sub>26</sub>O, n~9

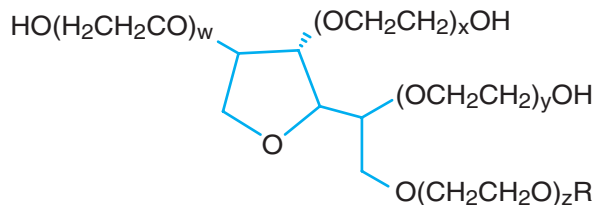
### Detergent 17 (B5)

10% w/v ANAPOE® -20

### Structure

#### Synonyms

TWEEN® 20 / Polyoxyethylene(20)sorbitan monolaurate / Poly(oxy-1,2-ethanediyl) derivs., sorbitan monododecanoate



Sum of w+x+y+z=20  
R=C<sub>11</sub>H<sub>23</sub>C(O)

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [9005-64-5]

Molecular Weight: ~1228

Molecular Formula: C<sub>58</sub>H<sub>114</sub>O

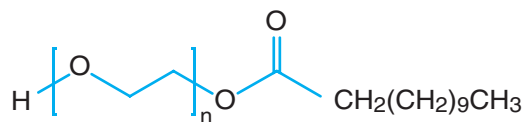
### Detergent 18 (B6)

0.90 mM Thesit®

### Structure

#### Synonyms

Polyethylene glycol 400 dodecyl ether / Polyethylene glycol dodecyl ether



#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [9002-92-0]

Molecular Weight: 582.90

Molecular Formula: HO(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>(CH<sub>2</sub>)<sub>11</sub>CH<sub>3</sub>

## Detergent Structures

HR2-406

### Detergent 19 (B7)

10% w/v ANAPOE® -35

### Structure

#### Synonyms

BRIJ®-35 / C<sub>12</sub>E<sub>23</sub> /  $\alpha$ -Dodecyl- $\omega$ -hydroxy-poly(oxy-1,2-ethanediyl) / Polyethylene glycol (23) monododecyl ether

#### Detergent Type

Non Ionic



#### Chemical Information

CAS Number: [9002-92-0]

Molecular Weight: ~1198

Molecular Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub> C<sub>12</sub>H<sub>26</sub>O, n~23

### Detergent 20 (B8)

10% w/v ANAPOE® -C<sub>13</sub>E<sub>8</sub>

### Structure

#### Synonyms

Polyoxyethylene(8)tridecyl ether

#### Detergent Type

Non Ionic



#### Chemical Information

CAS Number: [9043-30-5]

Molecular Weight: ~553

Molecular Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub> C<sub>13</sub>H<sub>28</sub>O, n~8

### Detergent 21 (B9)

1.1 mM ANAPOE® -C<sub>12</sub>E<sub>8</sub>

### Structure

#### Synonyms

Polyoxyethylene(8)dodecyl ether /  
3,6,9,12,15,18,21,24-octaohexatriacontan-1-ol

#### Detergent Type

Non Ionic



#### Chemical Information

CAS Number: [3055-98-9]

Molecular Weight: 538.77

Molecular Formula: C<sub>28</sub>H<sub>58</sub>O<sub>9</sub>

## Detergent Structures

HR2-406

### Detergent 22 (B10)

1.7 mM n-Dodecyl-β-D-maltoside

#### Structure

#### Synonyms

n-Dodecyl-β-D-maltopyranoside / Lauryl maltoside / Dodecyl  
4-O-α-D-glucopyranosyl-β-D-glucopyranoside

#### Detergent Type

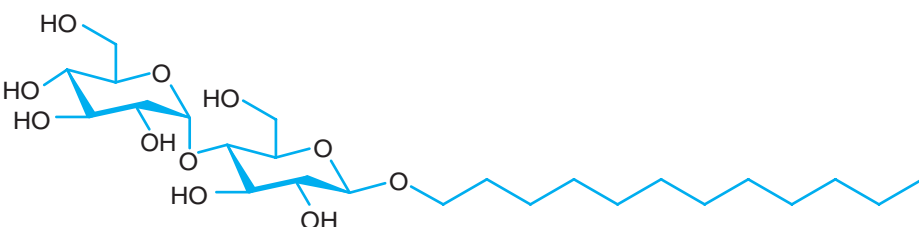
Non Ionic

#### Chemical Information

CAS Number: [69227-93-6]

Molecular Weight: 510.62

Molecular Formula: C<sub>24</sub>H<sub>46</sub>O<sub>11</sub>



### Detergent 23 (B11)

1.9 mM CYMAL<sup>®</sup>-7

#### Structure

#### Synonyms

7-Cyclohexyl-1-heptyl-β-D-maltoside

#### Detergent Type

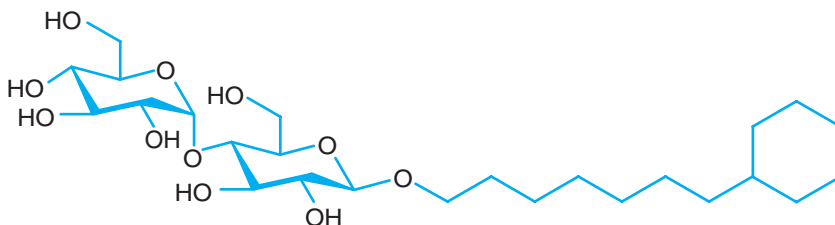
Non Ionic

#### Chemical Information

CAS Number: [349477-49-2]

Molecular Weight: 522.64

Molecular Formula: C<sub>25</sub>H<sub>46</sub>O<sub>11</sub>



### Detergent 24 (B12)

10% w/v ANAPOE<sup>®</sup>-X-114

#### Structure

#### Synonyms

TRITON<sup>®</sup> X-114 / α-[(1,1,3,3-Tetramethylbutyl)phenyl]-  
ω-hydroxy-poly(oxy-1,2-ethanediyl)

#### Detergent Type

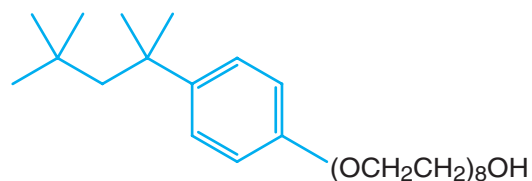
Non Ionic

#### Chemical Information

CAS Number: [9036-19-5]

Molecular Weight: ~536

Molecular Formula: t-Oct-C<sub>6</sub>H<sub>4</sub>-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>OH, n~7-8



## Detergent Structures

HR2-406

### Detergent 25 (C1)

10% w/v ANAPOE® -C<sub>12</sub>E<sub>10</sub>

### Structure

#### Synonyms

Polyoxyethylene(10)dodecyl ether / 3,6,9,12,15,18,24,27,30-decaoxadotetracontan-1-ol

#### Detergent Type

Non Ionic



#### Chemical Information

CAS Number: [6540-99-4]

Molecular Weight: ~627

Molecular Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub> C<sub>12</sub>H<sub>26</sub>O, n~10

### Detergent 26 (C2)

3.0 mM Sucrose monolaurate

### Structure

#### Synonyms

β-D-Fructopyranosyl-α-D-glucopyranoside monododecanoate / Lauroyl sucrose / Dodecanoyl sucrose / Sucrose monododecanoate

#### Detergent Type

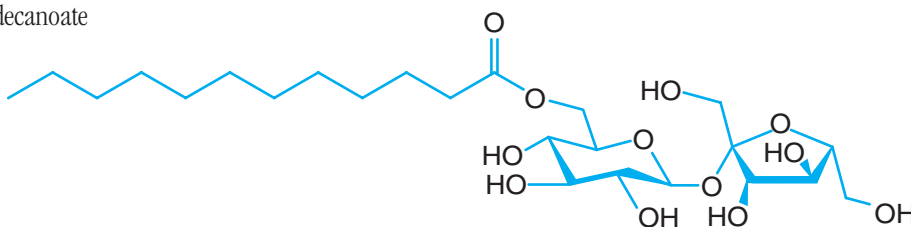
Non Ionic

#### Chemical Information

CAS Number: [25339-99-5]

Molecular Weight: 524.61

Molecular Formula: C<sub>24</sub>H<sub>44</sub>O<sub>12</sub>



### Detergent 27 (C3)

5.6 mM CYMAL® -6

### Structure

#### Synonyms

6-Cyclohexyl-1-hexyl-β-D-maltoside

#### Detergent Type

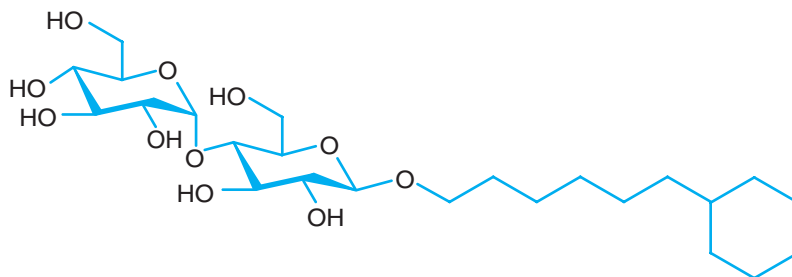
Non Ionic

#### Chemical Information

CAS Number: [228579-27-9]

Molecular Weight: 508.61

Molecular Formula: C<sub>24</sub>H<sub>44</sub>O<sub>11</sub>



## Detergent Structures

HR2-406

### Detergent 28 (C4)

5.9 mM n-Undecyl- $\beta$ -D-maltoside

#### Synonyms

n-Undecyl- $\beta$ -D-maltopyranoside

#### Detergent Type

Non Ionic

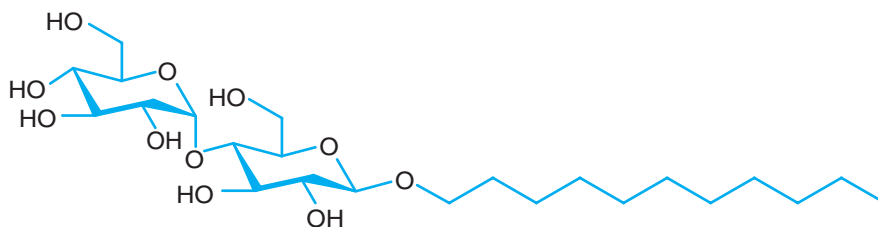
#### Chemical Information

CAS Number: [253678-67-0]

Molecular Weight: 496.60

Molecular Formula: C<sub>23</sub>H<sub>44</sub>O<sub>11</sub>

#### Structure



### Detergent 29 (C5)

10% w/v ANAPOE<sup>®</sup> -X-405

#### Synonyms

TRITON<sup>®</sup> X-405 /  $\alpha$ -[4-(1,1,3,3-Tetramethylbutyl)phenyl]- $\omega$ -hydroxy-poly(oxy-1,2-ethanediyl)

#### Detergent Type

Non Ionic

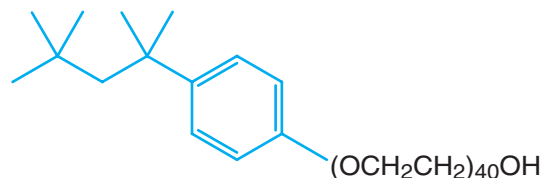
#### Chemical Information

CAS Number: [9002-93-1]

Molecular Weight: ~1967

Molecular Formula: t-Oct-C<sub>6</sub>H<sub>4</sub>-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>OH, n~40

#### Structure



### Detergent 30 (C6)

9.0 mM TRITON<sup>®</sup> X-100

#### Synonyms

Octylphenoxy polyoxyethanol / Polyethylene Glycol-p-isooctylphenyl Ether

#### Detergent Type

Non Ionic

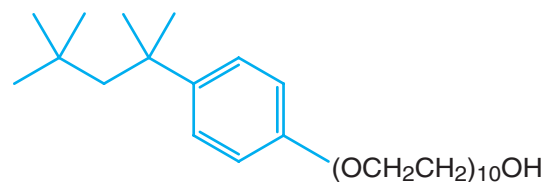
#### Chemical Information

CAS Number: [9002-93-1]

Molecular Weight: 650.0

Molecular Formula: C<sub>34</sub>H<sub>62</sub>O<sub>11</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 31 (C7)

10% w/v ANAPOE® -C<sub>10</sub>E<sub>6</sub>

### Structure

#### Synonyms

Polyoxyethylene(6)decyl ether /  
3,6,9,12,15,18-hexaoxaoctacosan-1-ol

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [ 5168-89-8 ]

Molecular Weight: ~423

Molecular Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>C<sub>10</sub>H<sub>22</sub>O, n~6



### Detergent 32 (C8)

9.0 mM n-Decyl-β-D-thiomaltoside

### Structure

#### Synonyms

1-s-Decyl-β-D-thiomaltoside /  
n-Decyl-β-D-thiomaltopyranoside

#### Detergent Type

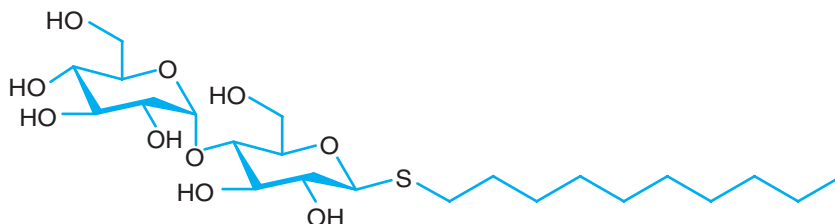
Non Ionic

#### Chemical Information

CAS Number: [ 14565-56-4 ]

Molecular Weight: 498.64

Molecular Formula: C<sub>22</sub>H<sub>42</sub>O<sub>10</sub>S



### Detergent 33 (C9)

10.2 mM Octyl maltoside, fluorinated

### Structure

#### Synonyms

(1H, 1H, 2H, 2H-Perfluorooctyl)-β-D-maltopyranoside

#### Detergent Type

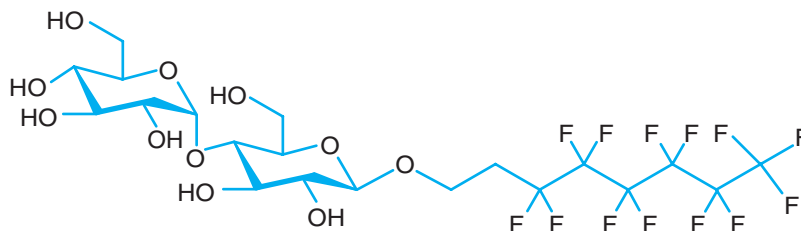
Non Ionic

#### Chemical Information

CAS Number: [ N/A ]

Molecular Weight: 688.39

Molecular Formula: C<sub>20</sub>H<sub>25</sub>F<sub>13</sub>O<sub>11</sub>



## Detergent Structures

HR2-406

### Detergent 34 (C10)

10% w/v ANAPOE® -C<sub>10</sub>E<sub>9</sub>

### Structure

#### Synonyms

Polyoxyethylene(9)decyl ether /  
α-Decyl-ω-hydroxy-poly(oxy-1,2-ethanediyl)



#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [26183-52-81]

Molecular Weight: ~555

Molecular Formula: (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>C<sub>10</sub>H<sub>22</sub>O, n~9

### Detergent 35 (C11)

14.0 mM Big CHAP, deoxy

### Structure

#### Synonyms

N,N-bis-(3-D-Gluconamidopropyl)deoxycholamide

#### Detergent Type

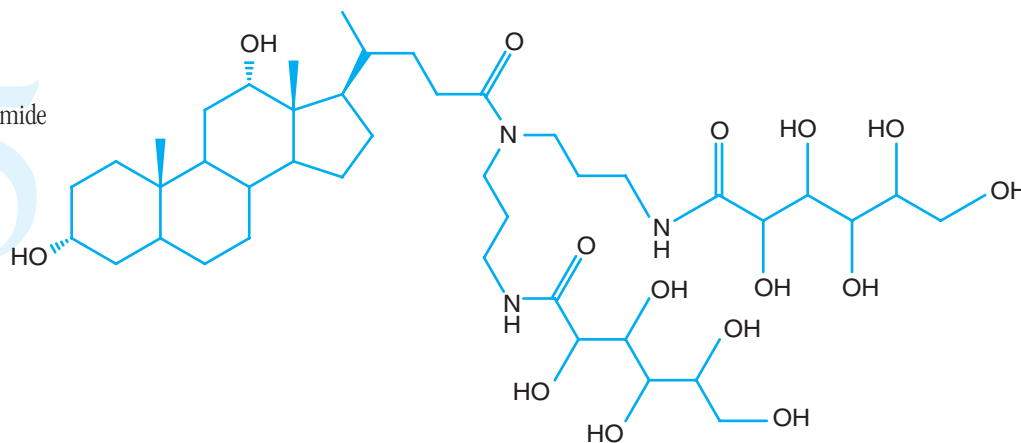
Non Ionic

#### Chemical Information

CAS Number: [86303-23-3]

Molecular Weight: 862.10

Molecular Formula: C<sub>42</sub>H<sub>75</sub>N<sub>3</sub>O<sub>15</sub>



### Detergent 36 (C12)

18.0 mM n-Decyl-β-D-maltoside

### Structure

#### Synonyms

n-Decyl-β-D-maltopyranoside

#### Detergent Type

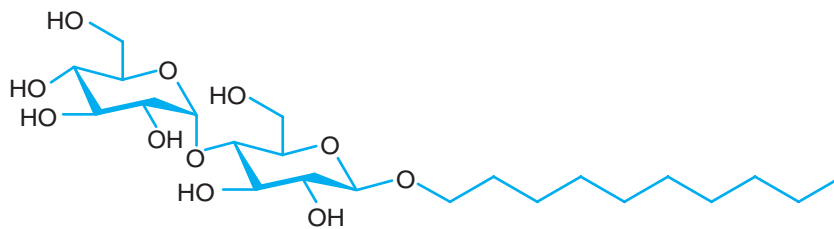
Non Ionic

#### Chemical Information

CAS Number: [82494-09-5]

Molecular Weight: 482.57

Molecular Formula: C<sub>22</sub>H<sub>42</sub>O<sub>11</sub>



## Detergent Structures

HR2-406

### Detergent 37 (D1)

20.0 mM LDAO

#### Synonyms

Lauryldimethylamine-N-oxide / DDAO / N,N-Dimethyl-1-dodecanamine-N-oxide / n-Dodecyl-N,N-dimethylamine-N-oxide

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [ 1643-20-5 ]

Molecular Weight: 229.41

Molecular Formula: C<sub>14</sub>H<sub>31</sub>NO

#### Structure



### Detergent 38 (D2)

25.0 mM n-Decanoylsucrose

#### Synonyms

α-D-Glucopyranoside / β-D-Fructofuranosyl Monodecanoate / Sucrose Monocaprato

#### Detergent Type

Non Ionic

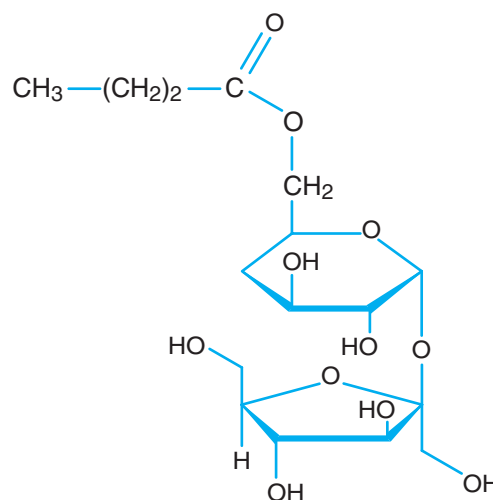
#### Chemical Information

CAS Number: [ 31835-06-0 ]

Molecular Weight: 496.55

Molecular Formula: C<sub>22</sub>H<sub>40</sub>O<sub>12</sub>

#### Structure



### Detergent 39 (D3)

1.5 mM n-Nonyl-β-D-thioglucoside

#### Synonyms

n-Nonyl-β-D-thioglucopyranoside

#### Detergent Type

Non Ionic

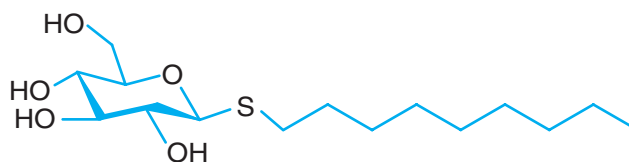
#### Chemical Information

CAS Number: [ 98854-15-0 ]

Molecular Weight: 322.47

Molecular Formula: C<sub>15</sub>H<sub>30</sub>O<sub>5</sub>S

#### Structure



## Detergent Structures

HR2-406

### Detergent 40 (D4)

32.0 mM n-Nonyl-β-D-thiomaltoside

#### Synonyms

n-Nonyl-β-D-thiomaltopyranoside

#### Detergent Type

Non Ionic

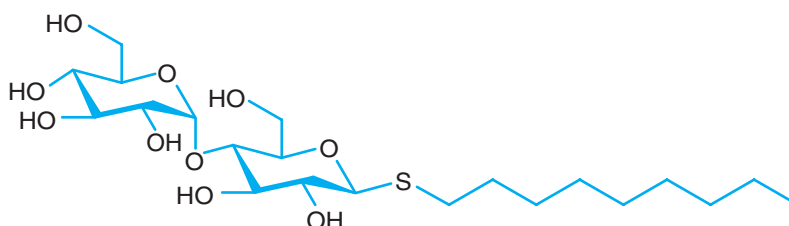
#### Chemical Information

CAS Number: [148565-55-3]

Molecular Weight: 484.61

Molecular Formula: C<sub>21</sub>H<sub>40</sub>O<sub>10</sub>S

#### Structure



### Detergent 41 (D5)

50.0 mM CYMAL<sup>®</sup>-5

#### Synonyms

5-Cyclohexyl-1-pentyl-β-D-maltoside

#### Detergent Type

Non Ionic

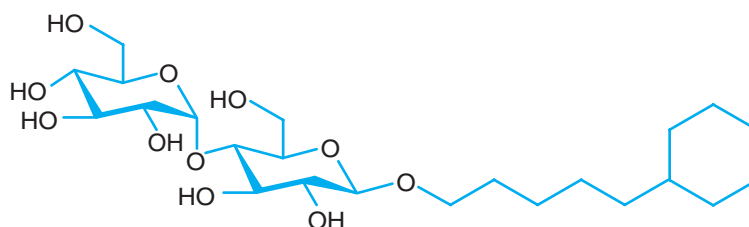
#### Chemical Information

CAS Number: [250692-65-0]

Molecular Weight: 494.58

Molecular Formula: C<sub>23</sub>H<sub>42</sub>O<sub>11</sub>

#### Structure



### Detergent 42 (D6)

60.0 mM n-Nonyl-β-D-maltoside

#### Synonyms

n-Nonyl-β-D-maltopyranoside

#### Detergent Type

Non Ionic

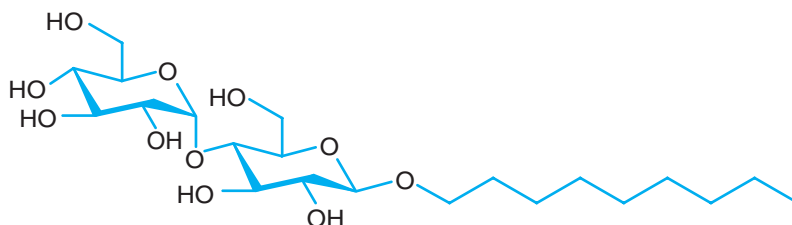
#### Chemical Information

CAS Number: [106402-05-5]

Molecular Weight: 468.54

Molecular Formula: C<sub>21</sub>H<sub>40</sub>O<sub>11</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 43 (D7)

65.0 mM n-Nonyl-β-D-glucoside

#### Synonyms

n-Nonyl-β-D-glucopyranoside

#### Detergent Type

Non Ionic

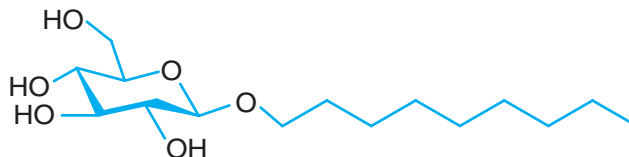
#### Chemical Information

CAS Number: [69984-73-2]

Molecular Weight: 306.40

Molecular Formula: C<sub>15</sub>H<sub>30</sub>O<sub>6</sub>

#### Structure



### Detergent 44 (D8)

70.0 mM HEGA® -10

#### Synonyms

Decanoyl-N-hydroxyethylglucamide

#### Detergent Type

Non Ionic

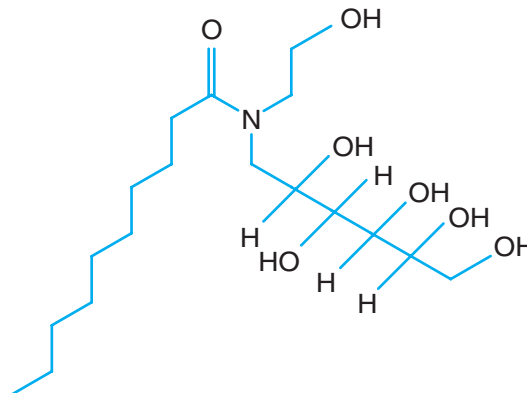
#### Chemical Information

CAS Number: [139361-84-5]

Molecular Weight: 379.50

Molecular Formula: C<sub>18</sub>H<sub>37</sub>NO<sub>7</sub>

#### Structure



### Detergent 45 (D9)

70.0 mM MEGA -10

#### Synonyms

Decanoyl-N-methylglucamide

#### Detergent Type

Non Ionic

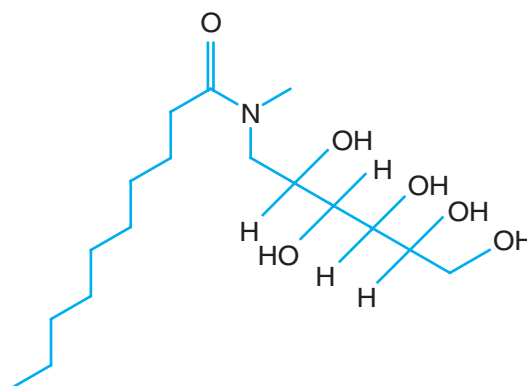
#### Chemical Information

CAS Number: [85261-20-7]

Molecular Weight: 349.47

Molecular Formula: C<sub>17</sub>H<sub>35</sub>NO<sub>6</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 46 (D10)

71.0 mM C<sub>8</sub>E<sub>5</sub>

#### Synonyms

Pentaethylene glycol mono-octyl ether / Octyl pentaethylene glycol ether / Octylpentaglycol / 3,6,9,12,15-Pentaoxatricosan-1-ol

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [ 19327-40-3 ]

Molecular Weight: 350.50

Molecular Formula: C<sub>18</sub>H<sub>38</sub>O<sub>6</sub>

#### Structure



### Detergent 47 (D11)

76.0 mM CYMAL<sup>®</sup> -4

#### Synonyms

4-Cyclohexyl-1-butyl-β-D-maltoside

#### Detergent Type

Non Ionic

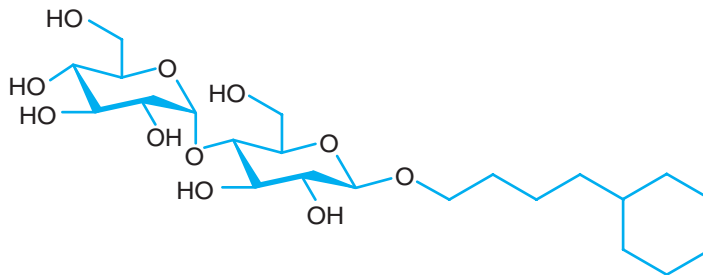
#### Chemical Information

CAS Number: [ 181135-57-9 ]

Molecular Weight: 480.55

Molecular Formula: C<sub>22</sub>H<sub>40</sub>O<sub>11</sub>

#### Structure



### Detergent 48 (D12)

80.0 mM C<sub>8</sub>E<sub>4</sub>

#### Synonyms

Tetraethylene glycol mono-octyl ether / Octyl tetraethylene glycol ether / Octyltetraglycol / 3,6,9,12-Tetraoxaeicosan-1-ol

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [ 19327-39-0 ]

Molecular Weight: 306.44

Molecular Formula: C<sub>16</sub>H<sub>34</sub>O<sub>5</sub>

#### Structure



## Detergent Structures

**HR2-406**

### Detergent 49 (E1)

85.0 mM n-Octyl-β-D-thiomaltoside

#### Synonyms

n-Octyl-β-D-thiomaltopyranoside

#### Detergent Type

Non Ionic

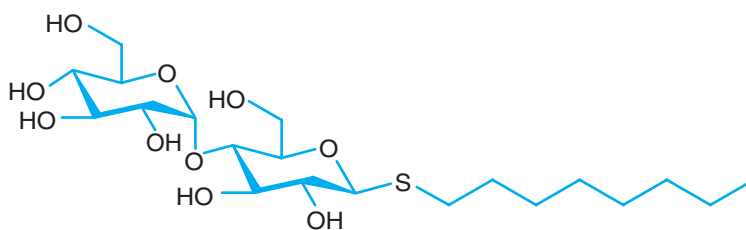
#### Chemical Information

CAS Number: [148616-91-5]

Molecular Weight: 470.58

Molecular Formula: C<sub>20</sub>H<sub>38</sub>O<sub>10</sub>S

#### Structure



### Detergent 50 (E2)

90.0 mM n-Octyl-β-D-thioglucoside

#### Synonyms

n-Octyl-β-D-thioglucopyranoside

#### Detergent Type

Non Ionic

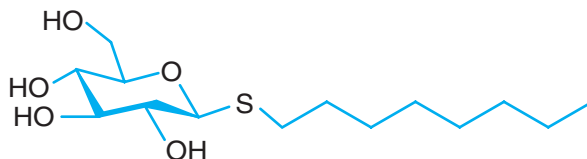
#### Chemical Information

CAS Number: [85618-21-9]

Molecular Weight: 308.44

Molecular Formula: C<sub>14</sub>H<sub>28</sub>O<sub>5</sub>S

#### Structure



### Detergent 51 (E3)

100.0 mM Hexaethylene glycol mono-octyl ether

#### Synonyms

C<sub>8</sub>E<sub>6</sub>

#### Detergent Type

Non Ionic

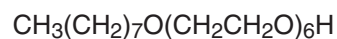
#### Chemical Information

CAS Number: [4440-54-4]

Molecular Weight: 394.55

Molecular Formula: C<sub>20</sub>H<sub>42</sub>O<sub>7</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 52 (E4)

104.0 mM DDAO

#### Synonyms

N,N-Dimethyldecylamine-N-oxide

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [ 2605-79-0 ]

Molecular Weight: 201.35

Molecular Formula: C<sub>12</sub>H<sub>27</sub>NO

#### Structure



### Detergent 53 (E5)

115.0 mM C-HEGA® -11

#### Synonyms

Cyclohexylpentanoyl-N-hydroxyethylglucamide

#### Detergent Type

Non Ionic

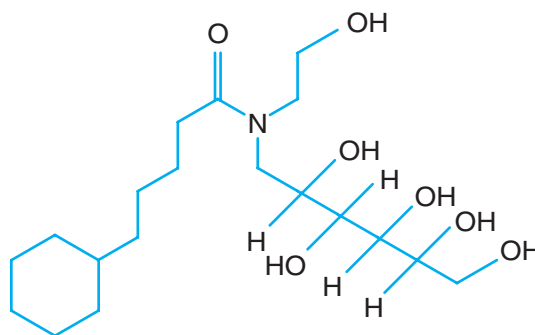
#### Chemical Information

CAS Number: [ 864434-16-2 ]

Molecular Weight: 391.51

Molecular Formula: C<sub>19</sub>H<sub>37</sub>NO<sub>7</sub>

#### Structure



### Detergent 54 (E6)

10% w/v Pluronic® F-68

#### Synonyms

Polyoxyethylene-polyoxypropylene Block Copolymer / Methyl-oxirane, polymer with oxirane, (C<sub>2</sub>H<sub>6</sub>O • C<sub>2</sub>H<sub>4</sub>O)<sub>x</sub> / Poloxamer 188

#### Detergent Type

Non Ionic

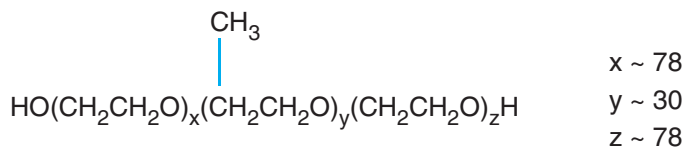
#### Chemical Information

CAS Number: [ 9003-11-6 ]

Molecular Weight: ~8400

Molecular Formula: EO<sub>78</sub>PO<sub>30</sub>EO<sub>78</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 55 (E7)

195.0 mM HECAMEG<sup>®</sup>

#### Synonyms

Methyl-6-O-(N-heptylcarbamoyl)- $\alpha$ -D-glucopyranoside

#### Detergent Type

Non Ionic

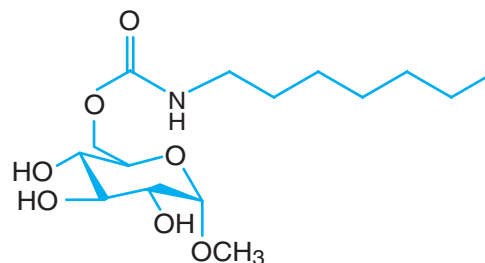
#### Chemical Information

CAS Number: [115457-83-5]

Molecular Weight: 335.40

Molecular Formula: C<sub>15</sub>H<sub>29</sub>NO<sub>7</sub>

#### Structure



### Detergent 56 (E8)

200.0 mM n-Octyl- $\beta$ -D-glucoside

#### Synonyms

n-Octyl- $\beta$ -D-glucopyranoside

#### Detergent Type

Non Ionic

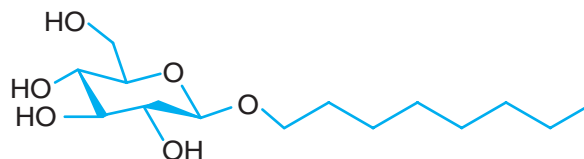
#### Chemical Information

CAS Number: [29836-26-8]

Molecular Weight: 292.37

Molecular Formula: C<sub>14</sub>H<sub>28</sub>O<sub>6</sub>

#### Structure



### Detergent 57 (E9)

244.0 mM n-Octanoylsucrose

#### Synonyms

Sucrose monooctanoate /  
n-Octanoyl- $\beta$ -D-fructofuranosyl- $\alpha$ -D-glucopyranoside

#### Detergent Type

Non Ionic

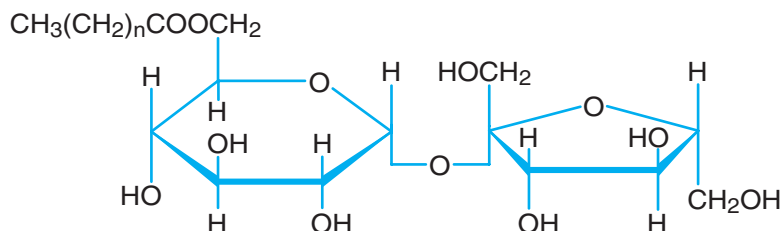
#### Chemical Information

CAS Number: [N/A]

Molecular Weight: 468.50

Molecular Formula: C<sub>20</sub>H<sub>36</sub>O<sub>12</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 58 (E10)

250.0 mM MEGA-9

#### Synonyms

Nonanoyl-N-methylglucamide

#### Detergent Type

Non Ionic

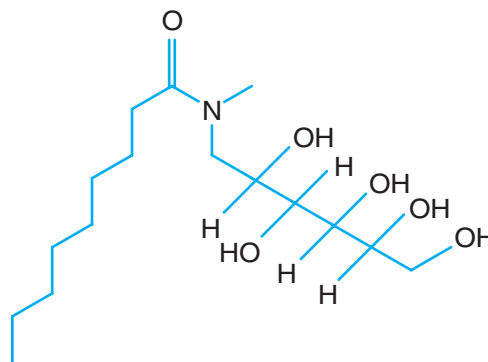
#### Chemical Information

CAS Number: [ 85261-19-4 ]

Molecular Weight: 335.44

Molecular Formula: C<sub>16</sub>H<sub>33</sub>N<sub>1</sub>O<sub>6</sub>

#### Structure



### Detergent 59 (E11)

275.0 mM 2,6-Dimethyl-4-heptyl-β-D-maltopyranoside

#### Synonyms

NONE

#### Detergent Type

Non Ionic

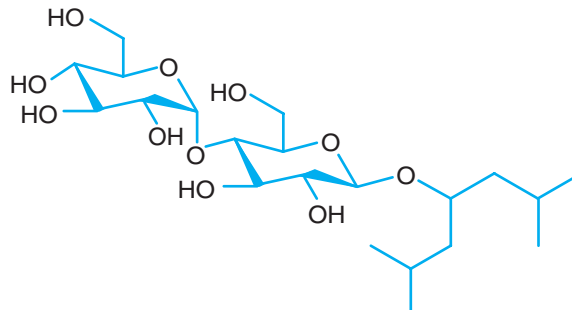
#### Chemical Information

CAS Number: [ 869638-31-3 ]

Molecular Weight: 468.54

Molecular Formula: C<sub>21</sub>H<sub>40</sub>O<sub>11</sub>

#### Structure



### Detergent 60 (E12)

290.0 mM n-Heptyl-β-D-thioglucopyranoside

#### Synonyms

n-Heptyl-β-D-thioglucoside

#### Detergent Type

Non Ionic

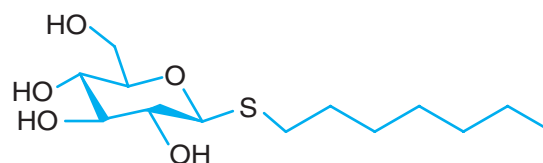
#### Chemical Information

CAS Number: [ 85618-20-8 ]

Molecular Weight: 294.41

Molecular Formula: C<sub>13</sub>H<sub>26</sub>O<sub>5</sub>S

#### Structure



## Detergent Structures

**HR2-406**

### Detergent 61 (F1)

0.1% w/v n-Octyl-β-D-galactopyranoside

#### Synonyms

n-Octyl-β-D-galactoside

#### Detergent Type

Non Ionic

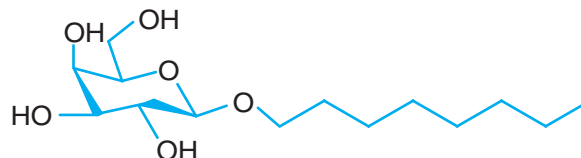
#### Chemical Information

CAS Number: [40427-75-6]

Molecular Weight: 292.37

Molecular Formula: C<sub>14</sub>H<sub>28</sub>O<sub>6</sub>

#### Structure



### Detergent 62 (F2)

345.0 mM CYMAL® -3

#### Synonyms

3-Cyclohexyl-1-propyl-β-D-maltoside

#### Detergent Type

Non Ionic

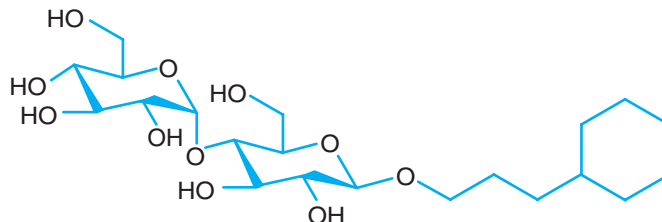
#### Chemical Information

CAS Number: [181135-58-0]

Molecular Weight: 466.53

Molecular Formula: C<sub>21</sub>H<sub>38</sub>O<sub>11</sub>

#### Structure



### Detergent 63 (F3)

350.0 mM C-HEGA® -10

#### Synonyms

Cyclohexylbutanoyl-N-hydroxyethylglucamide

#### Detergent Type

Non Ionic

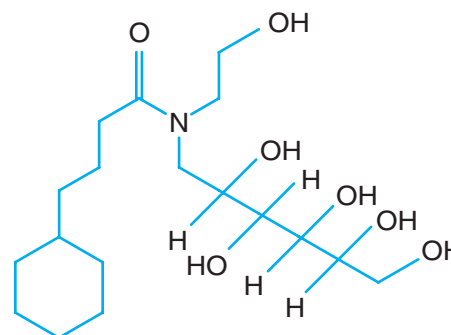
#### Chemical Information

CAS Number: [864434-15-1]

Molecular Weight: 377.48

Molecular Formula: C<sub>18</sub>H<sub>35</sub>NO<sub>7</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 64 (F4)

390.0 mM HEGA<sup>®</sup> -9

#### Synonyms

Nonanoyl-N-hydroxyethylglucamide

#### Detergent Type

Non Ionic

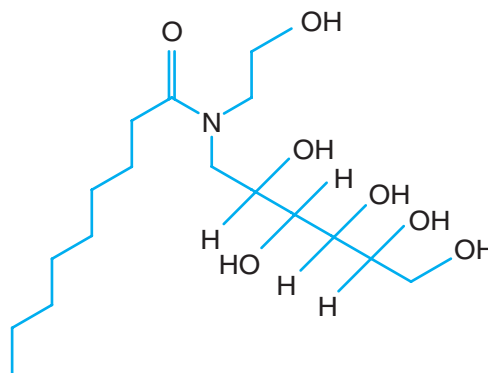
#### Chemical Information

CAS Number: [ 869653-90-7 ]

Molecular Weight: 365.47

Molecular Formula: C<sub>17</sub>H<sub>35</sub>NO<sub>7</sub>

#### Structure



### Detergent 65 (F5)

400.0 mM Dimethyloctylphosphine oxide

#### Synonyms

Octyl dimethyl-phosphine oxide

#### Detergent Type

Non Ionic

#### Chemical Information

CAS Number: [ 13232-68-3 ]

Molecular Weight: 190.27

Molecular Formula: C<sub>10</sub>H<sub>23</sub>OP

#### Structure



### Detergent 66 (F6)

790.0 mM MEGA-8

#### Synonyms

Octanoyl-N-methylglucamide

#### Detergent Type

Non Ionic

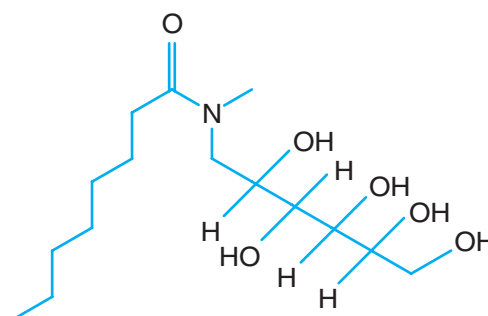
#### Chemical Information

CAS Number: [ 85316-98-9 ]

Molecular Weight: 321.42

Molecular Formula: C<sub>15</sub>H<sub>31</sub>NO<sub>6</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 67 (F7)

1.08 M C-HEGA® -9

#### Synonyms

Cyclohexylpropanoyl-N-hydroxyethylglucamide

#### Detergent Type

Non Ionic

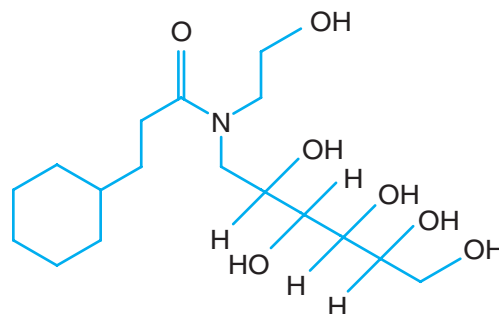
#### Chemical Information

CAS Number: [864434-14-0]

Molecular Weight: 363.45

Molecular Formula: C<sub>17</sub>H<sub>33</sub>N<sub>1</sub>O<sub>7</sub>

#### Structure



### Detergent 68 (F8)

1.09 M HEGA® -8

#### Synonyms

Octanoyl-N-hydroxyethylglucamide

#### Detergent Type

Non Ionic

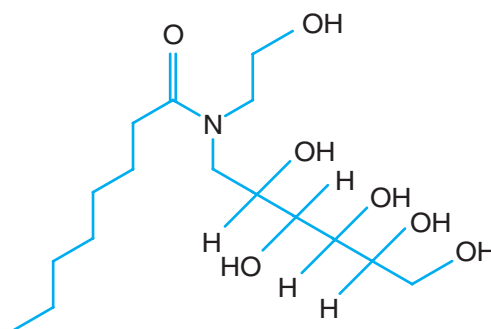
#### Chemical Information

CAS Number: [869652-63-1]

Molecular Weight: 351.44

Molecular Formula: C<sub>16</sub>H<sub>33</sub>N<sub>1</sub>O<sub>7</sub>

#### Structure



### Detergent 69 (F9)

1.20 M CYMAL® -2

#### Synonyms

2-Cyclohexyl-1-ethyl-β-D-maltoside

#### Detergent Type

Non Ionic

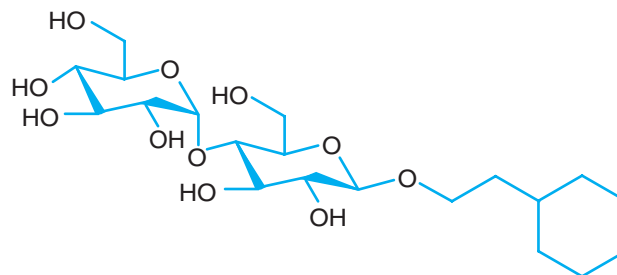
#### Chemical Information

CAS Number: [260804-65-7]

Molecular Weight: 452.50

Molecular Formula: C<sub>20</sub>H<sub>36</sub>O<sub>11</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 70 (F10)

2.50 M n-Hexyl-β-D-glucopyranoside

#### Synonyms

n-Hexyl-β-D-glucoside

#### Detergent Type

Non Ionic

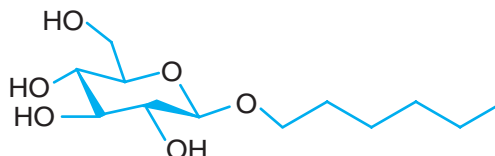
#### Chemical Information

CAS Number: [ 59080-45-4 ]

Molecular Weight: 264.32

Molecular Formula: C<sub>12</sub>H<sub>24</sub>O<sub>6</sub>

#### Structure



### Detergent 71 (F11)

6.6% w/v C-HEGA® -8

#### Synonyms

Cyclohexylethanoyl-N-hydroxyethylglucamide

#### Detergent Type

Non Ionic

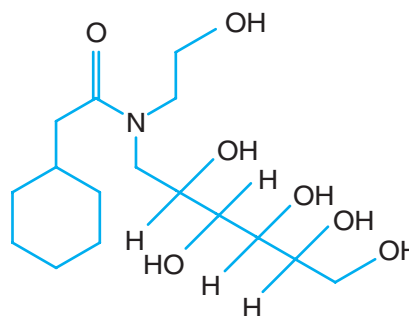
#### Chemical Information

CAS Number: [ 603111-75-7 ]

Molecular Weight: 349.43

Molecular Formula: C<sub>16</sub>H<sub>31</sub>NO<sub>7</sub>

#### Structure



### Detergent 72 (F12)

10% w/v CYMAL® -1

#### Synonyms

Cyclohexyl-methyl-β-D-maltoside

#### Detergent Type

Non Ionic

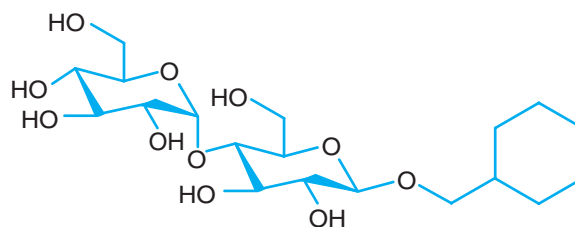
#### Chemical Information

CAS Number: [ 260804-64-6 ]

Molecular Weight: 438.47

Molecular Formula: C<sub>19</sub>H<sub>34</sub>O<sub>11</sub>

#### Structure



### Detergent 73 (G1)

0.5 M NDSB-195

#### Synonyms

Dimethylethylammonium propane sulfonate

#### Detergent Type

Zwitterionic

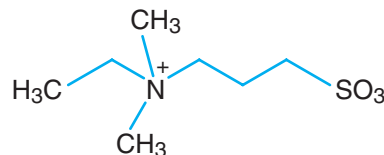
#### Chemical Information

CAS Number: [ 160255-06-1 ]

Molecular Weight: 195.28

Molecular Formula: C<sub>7</sub>H<sub>17</sub>NO<sub>3</sub>S

#### Structure



### Detergent 74 (G2)

0.5 M NDSB-201

#### Synonyms

3-(1-Pyridino)-1-propane sulfonate

#### Detergent Type

Zwitterionic

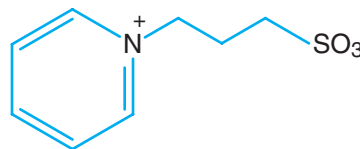
#### Chemical Information

CAS Number: [ 15471-17-7 ]

Molecular Weight: 201.25

Molecular Formula: C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>S

#### Structure



### Detergent 75 (G3)

0.5 M NDSB-211

#### Synonyms

Dimethyl(2-hydroxyethyl)ammonium propane sulfonate

#### Detergent Type

Zwitterionic

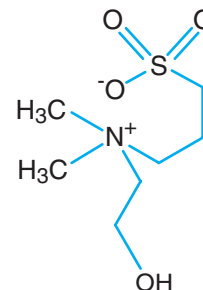
#### Chemical Information

CAS Number: [ 38880-58-9 ]

Molecular Weight: 211.28

Molecular Formula: C<sub>7</sub>H<sub>17</sub>NO<sub>4</sub>S

#### Structure



## Detergent Structures

HR2-406

### Detergent 76 (G4)

0.5 M NDSB-221

#### Synonyms

3-(1-Methylpiperidinium)-1-propane sulfonate

#### Detergent Type

Zwitterionic

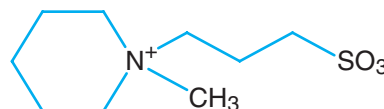
#### Chemical Information

CAS Number: [ 160788-56-7 ]

Molecular Weight: 221.32

Molecular Formula: C<sub>9</sub>H<sub>19</sub>NO<sub>3</sub>S

#### Structure



### Detergent 77 (G5)

0.5 M NDSB-256

#### Synonyms

Dimethylbenzylammonium propane sulfonate

#### Detergent Type

Zwitterionic

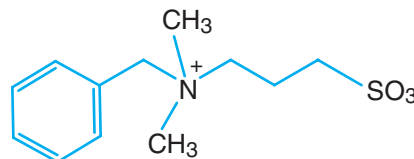
#### Chemical Information

CAS Number: [ 81239-45-4 ]

Molecular Weight: 257.35

Molecular Formula: C<sub>12</sub>H<sub>19</sub>NO<sub>3</sub>S

#### Structure



### Detergent 78 (G6)

4.0 mM ZWITTERGENT® 3-14

#### Synonyms

n-Tetradecyl-N,N-dimethyl-3-ammonio-1-propanesulfonate

#### Detergent Type

Zwitterionic

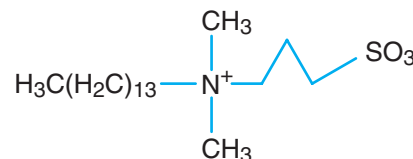
#### Chemical Information

CAS Number: [ 14933-09-6 ]

Molecular Weight: 363.61

Molecular Formula: C<sub>19</sub>H<sub>41</sub>NO<sub>3</sub>S

#### Structure



## Detergent Structures

**HR2-406**

### Detergent 79 (G7)

15.0 mM n-Dodecyl-N,N-dimethylglycine

#### Synonyms

NONE

#### Detergent Type

Zwitterionic

#### Chemical Information

CAS Number: [683-10-3]

Molecular Weight: 271.46

Molecular Formula: C<sub>16</sub>H<sub>33</sub>O<sub>2</sub>N

#### Structure



### Detergent 80 (G8)

15.0 mM FOS-Choline® -12

#### Synonyms

n-Dodecylphosphocholine

#### Detergent Type

Zwitterionic

#### Chemical Information

CAS Number: [29557-51-5]

Molecular Weight: 351.47

Molecular Formula: C<sub>17</sub>H<sub>38</sub>O<sub>4</sub>NP

#### Structure



### Detergent 81 (G9)

22.0 mM FOS-Choline® -8, fluorinated

#### Synonyms

(1H, 1H, 2H, 2H-Perfluorooctyl)phosphocholine

#### Detergent Type

Zwitterionic

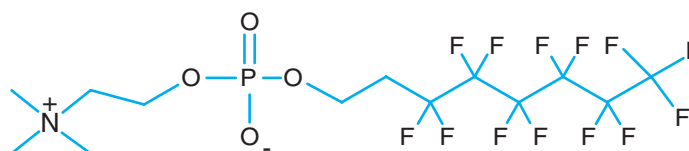
#### Chemical Information

CAS Number: [N/A]

Molecular Weight: 529.24

Molecular Formula: C<sub>13</sub>H<sub>17</sub>F<sub>13</sub>NO<sub>4</sub>P

#### Structure



## Detergent Structures

HR2-406

### Detergent 82 (G10)

32.10 mM n-Undecyl-N,N-Dimethylamine-oxide

#### Synonyms

Undecyldimethylamine-N-oxide / UDAO /  
N,N-Dimethyl-1-undecamine-N-oxide

#### Detergent Type

Zwitterionic

#### Chemical Information

CAS Number: [ 15178-71-9 ]

Molecular Weight: 215.38

Molecular Formula: C<sub>13</sub>H<sub>29</sub>NO

#### Structure



### Detergent 83 (G11)

40.0 mM ZWITTERGENT<sup>®</sup> 3-12

#### Synonyms

n-Dodecyl-N,N-dimethyl-3-ammonio-1-propanesulfonate

#### Detergent Type

Zwitterionic

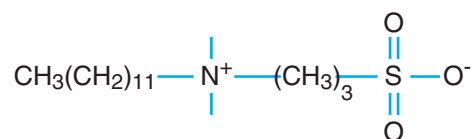
#### Chemical Information

CAS Number: [ 14933-08-5 ]

Molecular Weight: 335.55

Molecular Formula: C<sub>17</sub>H<sub>37</sub>NO<sub>3</sub>S

#### Structure



### Detergent 84 (G12)

43.0 mM DDMAB

#### Synonyms

N-Dodecyl-N,N-(dimethylammonio)butyrate

#### Detergent Type

Zwitterionic

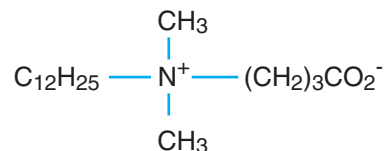
#### Chemical Information

CAS Number: [ N/A ]

Molecular Weight: 299.50

Molecular Formula: C<sub>18</sub>H<sub>37</sub>NO<sub>2</sub>

#### Structure



## Detergent Structures

HR2-406

### Detergent 85 (H1)

52.5 mM FOS-MEA® -10

#### Synonyms

Decylphospho-N-methylethanolamine

#### Detergent Type

Zwitterionic

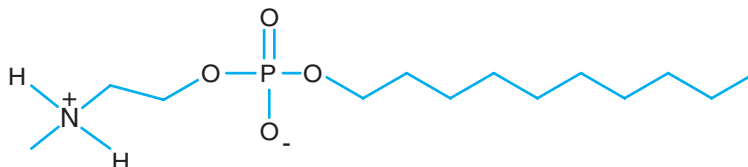
#### Chemical Information

CAS Number: [ 557788-85-9 ]

Molecular Weight: 295.36

Molecular Formula: C<sub>13</sub>H<sub>30</sub>NO<sub>4</sub>P

#### Structure



### Detergent 86 (H2)

80.0 mM CHAPS

#### Synonyms

3-[(3-Cholamidopropyl)-dimethylammonio]-1-propane sulfonate / N,N-Dimethyl-3-sulfo-N-[3-[[3α,5β,7α,12α]-3,7,12-trihydroxy-24-oxocholan-24-yl]amino]propyl]-1-propanaminium hydroxide, inner salt

#### Detergent Type

Zwitterionic

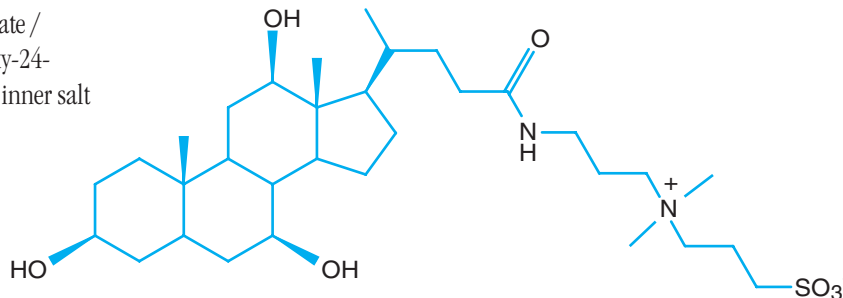
#### Chemical Information

CAS Number: [ 75621-03-3 ]

Molecular Weight: 614.89

Molecular Formula: C<sub>32</sub>H<sub>58</sub>N<sub>2</sub>O<sub>7</sub>S

#### Structure



### Detergent 87 (H3)

80.0 mM CHAPSO

#### Synonyms

3-[(3-Cholamidopropyl)dimethylammonio]-2-hydroxy-1-propanesulfonate

#### Detergent Type

Zwitterionic

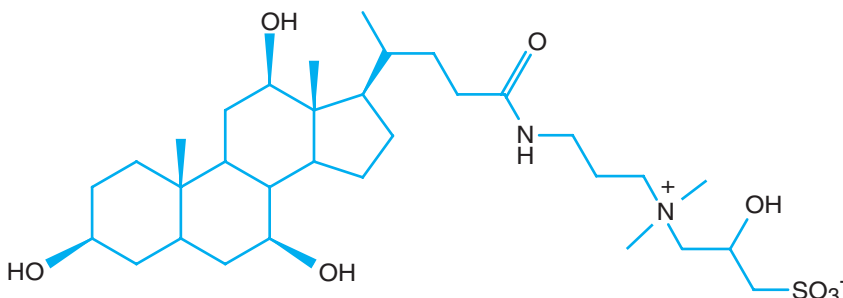
#### Chemical Information

CAS Number: [ 82473-24-3 ]

Molecular Weight: 630.89

Molecular Formula: C<sub>32</sub>H<sub>58</sub>N<sub>2</sub>O<sub>8</sub>S

#### Structure



## Detergent Structures

HR2-406

### Detergent 88 (H4)

110.0 mM FOS-Choline<sup>®</sup> -10

#### Synonyms

n-Decylphosphocholine

#### Detergent Type

Zwitterionic

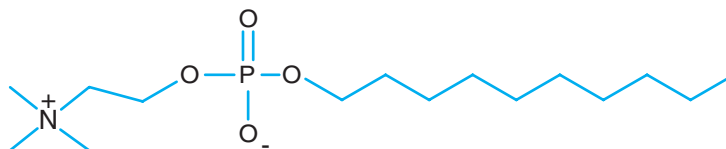
#### Chemical Information

CAS Number: [ 70504-28-8 ]

Molecular Weight: 323.41

Molecular Formula: C<sub>15</sub>H<sub>34</sub>NO<sub>4</sub>P

#### Structure



### Detergent 89 (H5)

190.0 mM n-Decyl-N,N-dimethylglycine

#### Synonyms

NONE

#### Detergent Type

Zwitterionic

#### Chemical Information

CAS Number: [ 2644-45-3 ]

Molecular Weight: 243.39

Molecular Formula: C<sub>14</sub>H<sub>29</sub>O<sub>2</sub>N

#### Structure



### Detergent 90 (H6)

395.0 mM FOS-Choline<sup>®</sup> -9

#### Synonyms

n-Nonylphosphocholine

#### Detergent Type

Zwitterionic

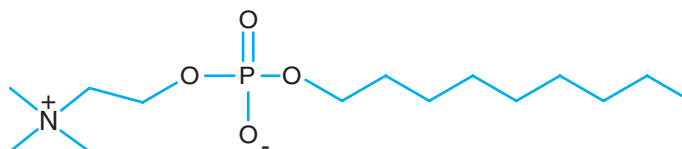
#### Chemical Information

CAS Number: [ 253678-64-7 ]

Molecular Weight: 309.39

Molecular Formula: C<sub>14</sub>H<sub>32</sub>NO<sub>4</sub>P

#### Structure



## Detergent Structures

HR2-406

### Detergent 91 (H7)

400.0 mM ZWITTERGENT® 3-10

#### Synonyms

n-Decyl-N,N-dimethyl-3-ammonio-1-propanesulfonate

#### Detergent Type

Zwitterionic

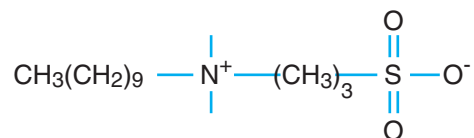
#### Chemical Information

CAS Number: [ 15163-36-7 ]

Molecular Weight: 307.50

Molecular Formula: C<sub>15</sub>H<sub>33</sub>NO<sub>3</sub>S

#### Structure



### Detergent 92 (H8)

430.0 mM CYCLOFOS™ -3

#### Synonyms

3-Cyclohexyl-1-propylphosphocholine

#### Detergent Type

Zwitterionic

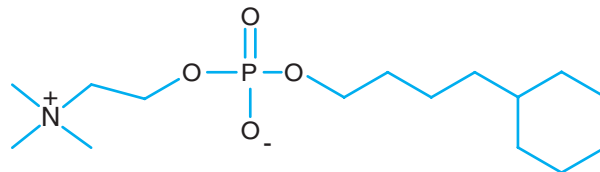
#### Chemical Information

CAS Number: [ 823796-66-3 ]

Molecular Weight: 307.37

Molecular Formula: C<sub>14</sub>H<sub>30</sub>NO<sub>4</sub>P

#### Structure



### Detergent 93 (H9)

1.14 M FOS-Choline® -8

#### Synonyms

n-Octylphosphocholine

#### Detergent Type

Zwitterionic

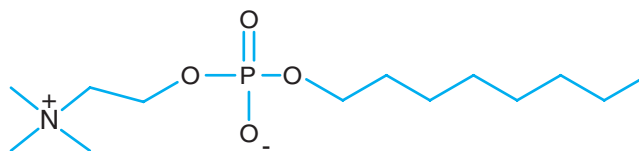
#### Chemical Information

CAS Number: [ 53255-89-3 ]

Molecular Weight: 295.36

Molecular Formula: C<sub>13</sub>H<sub>30</sub>NO<sub>4</sub>P

#### Structure



## Detergent Structures

HR2-406

### Detergent 94 (H10)

10% w/v ZWITTERGENT<sup>®</sup> 3-08

#### Synonyms

n-Octyl-N,N-dimethyl-3-ammonio-1-propanesulfonate

#### Detergent Type

Zwitterionic

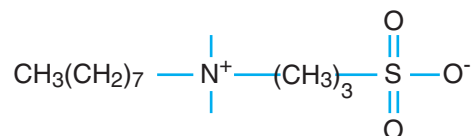
#### Chemical Information

CAS Number: [ 15178-76-4 ]

Molecular Weight: 279.44

Molecular Formula: C<sub>13</sub>H<sub>29</sub>NSO<sub>3</sub>

#### Structure



### Detergent 95 (H11)

7.0 mM LysoFos<sup>TM</sup> Choline 12

#### Synonyms

1-Lauroyl-2-Hydroxy-sn-Glycero-3-Phosphocholine / 1-Dodecanoyl-2-Hydroxy-sn-Glycero-3-Phosphocholine / 12:0 LysoPC

#### Detergent Type

Synthetic Lipid

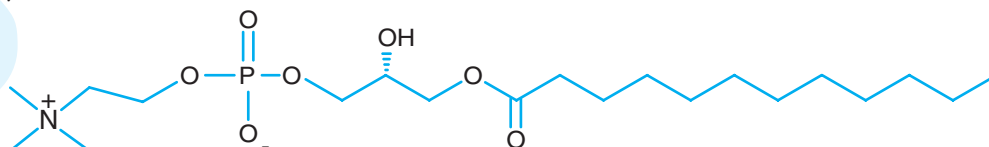
#### Chemical Information

CAS Number: [ 20559-18-6 ]

Molecular Weight: 439.53

Molecular Formula: C<sub>20</sub>H<sub>42</sub>NO<sub>7</sub>P

#### Structure



### Detergent 96 (H12)

70.0 mM LysoFos<sup>TM</sup> Choline 10

#### Synonyms

1-Decanoyl-2-hydroxy-sn-glycero-3-phosphocholine / 1-Capryl-2-hydroxy-sn-glycero-3-phosphocholine / 10:0 LysoPC

#### Detergent Type

Synthetic Lipid

#### Chemical Information

CAS Number: [ 22248-63-1 ]

Molecular Weight: 411.48

Molecular Formula: C<sub>18</sub>H<sub>38</sub>NO<sub>7</sub>P

#### Structure

