

Detergent Structures

HR2-412

Detergent 1

10% w/v BAM

Synonyms

Benzyltrimethyldecylammonium bromide

Detergent Type

Ionic

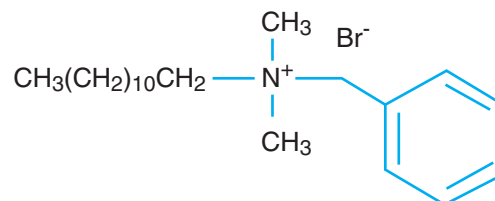
Chemical Information

CAS Number: [7281-04-1]

Molecular Weight: 384.44

Molecular Formula: C₂₁H₃₈BrN

Structure



Detergent 2

0.0006 mM n-Hexadecyl-β-D-maltoside

Synonyms

n-Hexadecyl-β-D-maltopyranoside

Detergent Type

Non Ionic

Chemical Information

CAS Number: [98064-96-1]

Molecular Weight: 566.73

Molecular Formula: C₂₈H₅₄O₁₁

Structure



Detergent 3

0.01 mM n-Tetradecyl-β-D-maltoside

Synonyms

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

Detergent Type

Non Ionic

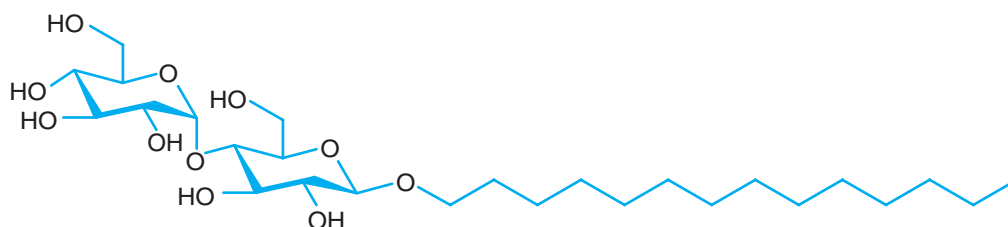
Chemical Information

CAS Number: [18449-82-6]

Molecular Weight: 538.68

Molecular Formula: C₂₆H₅₀O₁₁

Structure



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Detergent 4

0.033 mM n-Tridecyl-β-D-maltoside

Synonyms

n-Tridecyl-β-D-maltopyranoside

Detergent Type

Non Ionic

Chemical Information

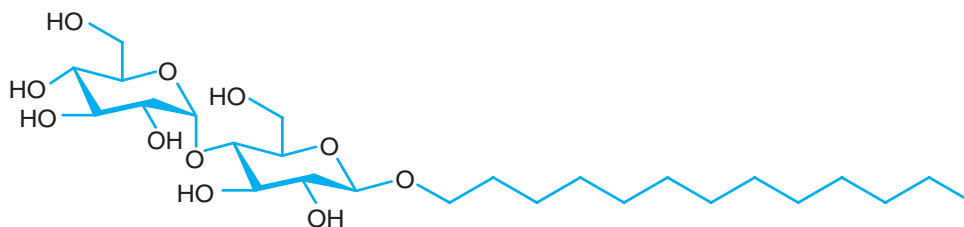
CAS Number: [93911-12-7]

Molecular Weight: 524.65

Molecular Formula: C₂₅H₄₈O₁₁

Structure

4



Detergent 5

0.09 mM Thesit®

Synonyms

Polyethylene glycol 400 dodecyl ether / Polyethylene glycol dodecyl ether

Detergent Type

Non Ionic

Chemical Information

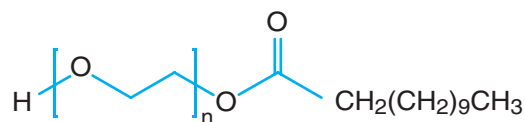
CAS Number: [9002-92-0]

Molecular Weight: 582.90

Molecular Formula: HO(CH₂CH₂O)_n(CH₂)₁₁CH₃

Structure

5



Detergent 6

0.4 mM ZWITTERGENT® 3-14

Synonyms

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

Detergent Type

Zwitterionic

Chemical Information

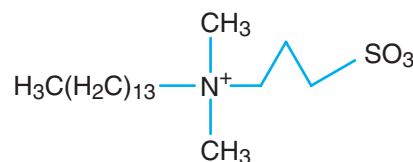
CAS Number: [14933-09-6]

Molecular Weight: 363.61

Molecular Formula: C₁₉H₄₁NO₃S

Structure

6



Detergent 7

0.59 mM n-Undecyl-β-D-maltoside

Synonyms

n-Undecyl-β-D-maltopyranoside

Detergent Type

Non Ionic

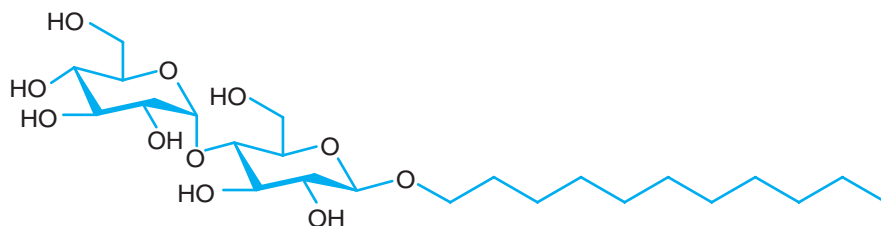
Chemical Information

CAS Number: [253678-67-0]

Molecular Weight: 496.60

Molecular Formula: C₂₃H₄₄O₁₁

Structure



Detergent 8

0.9 mM n-Decyl-β-D-thiomaltoside

Synonyms

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

Detergent Type

Non Ionic

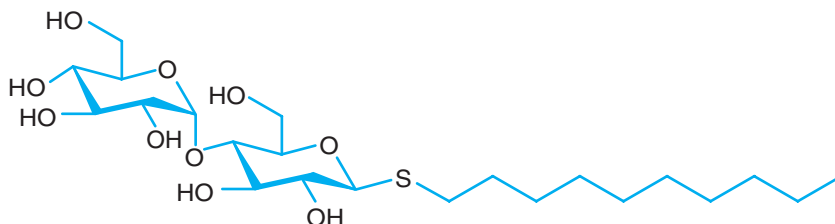
Chemical Information

CAS Number: [14565-56-4]

Molecular Weight: 498.64

Molecular Formula: C₂₂H₄₂O₁₀S

Structure



Detergent 9

1.5 mM FOS-Choline® -12

Synonyms

n-Dodecylphosphocholine

Detergent Type

Zwitterionic

Chemical Information

CAS Number: [29557-51-5]

Molecular Weight: 351.47

Molecular Formula: C₁₇H₃₈O₄NP

Structure



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Detergent 10

2.5 mM n-Decanoylsucrose

Synonyms

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

Detergent Type

Non Ionic

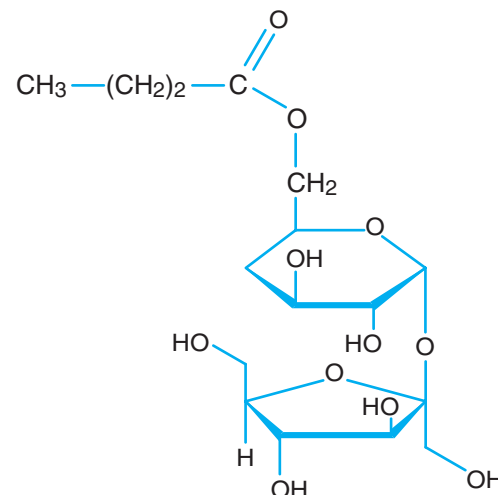
Chemical Information

CAS Number: [31835-06-0]

Molecular Weight: 496.55

Molecular Formula: $C_{22}H_{40}O_{12}$

Structure



Detergent 11

2.9 mM n-Nonyl- β -D-thioglucoside

Synonyms

n-Nonyl- β -D-thioglucopyranoside

Detergent Type

Non Ionic

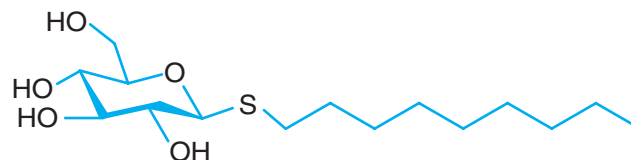
Chemical Information

CAS Number: [98854-15-0]

Molecular Weight: 322.47

Molecular Formula: $C_{15}H_{30}O_5S$

Structure



Detergent 12

3.2 mM n-Nonyl- β -D-thiomaltoside

Synonyms

n-Nonyl- β -D-thiomaltopyranoside

Detergent Type

Non Ionic

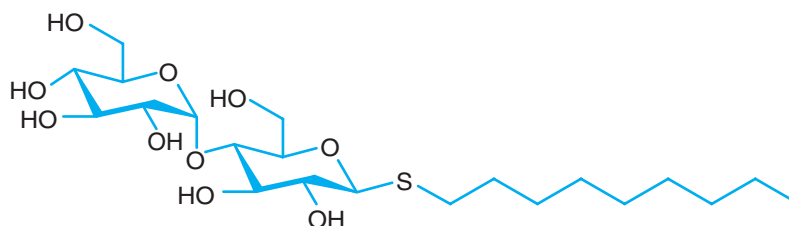
Chemical Information

CAS Number: [148565-55-3]

Molecular Weight: 484.61

Molecular Formula: $C_{21}H_{40}O_{10}S$

Structure



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Detergent 13

4.3 mM DDMAB

Synonyms

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

Detergent Type

Zwitterionic

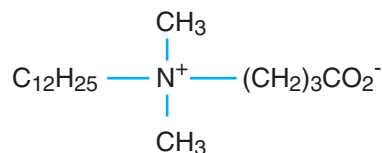
Chemical Information

CAS Number: [N/A]

Molecular Weight: 299.50

Molecular Formula: C₁₈H₃₇NO₂

Structure



Detergent 14

6.0 mM n-Nonyl-β-D-maltoside

Synonyms

n-Nonyl-β-D-maltopyranoside

Detergent Type

Non Ionic

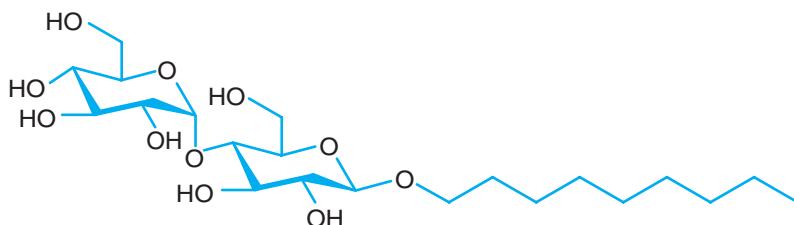
Chemical Information

CAS Number: [106402-05-5]

Molecular Weight: 468.54

Molecular Formula: C₂₁H₄₀O₁₁

Structure



Detergent 15

7.6 mM CYMAL® -4

Synonyms

4-Cyclohexyl-1-butyl-β-D-maltoside

Detergent Type

Non Ionic

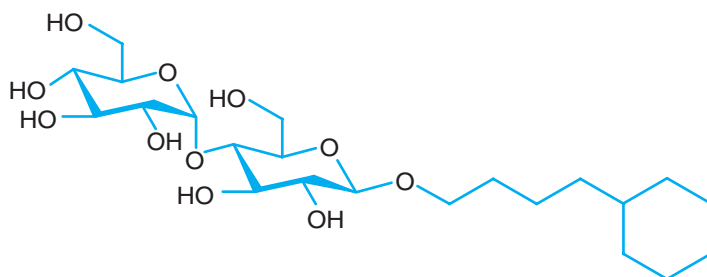
Chemical Information

CAS Number: [181135-57-9]

Molecular Weight: 480.55

Molecular Formula: C₂₂H₄₀O₁₁

Structure



Detergent Structures

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Detergent 16

8.5 mM n-Octyl-β-D-thiomaltoside

Synonyms

n-Octyl-β-D-thiomaltopyranoside

Detergent Type

Non Ionic

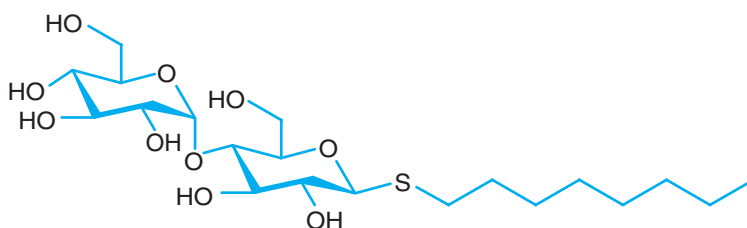
Chemical Information

CAS Number: [148616-91-5]

Molecular Weight: 470.58

Molecular Formula: C₂₀H₃₈O₁₀S

Structure



Detergent 17

11.0 mM FOS-Choline® -10

Synonyms

n-Decylphosphocholine

Detergent Type

Zwitterionic

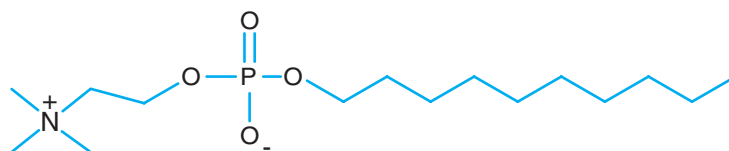
Chemical Information

CAS Number: [70504-28-8]

Molecular Weight: 323.41

Molecular Formula: C₁₅H₃₄NO₄P

Structure



Detergent 18

39.5 mM FOS-Choline® -9

Synonyms

n-Nonylphosphocholine

Detergent Type

Zwitterionic

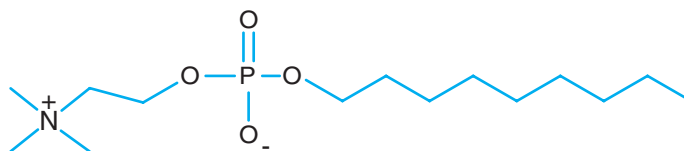
Chemical Information

CAS Number: [253678-64-7]

Molecular Weight: 309.39

Molecular Formula: C₁₄H₃₂NO₄P

Structure



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Detergent 19

25.0 mM MEGA-9

Synonyms

Nonanoyl-N-methylglucamide

Detergent Type

Non Ionic

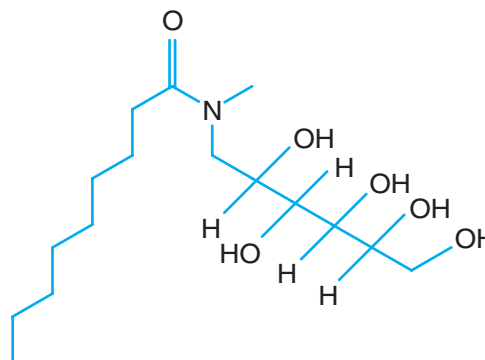
Chemical Information

CAS Number: [85261-19-4]

Molecular Weight: 335.44

Molecular Formula: C₁₆H₃₃NO₆

Structure



Detergent 20

29.0 mM n-Heptyl-β-D-thioglucopyranoside

Synonyms

n-Heptyl-β-D-thioglucoside

Detergent Type

Non Ionic

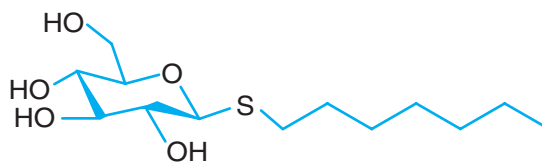
Chemical Information

CAS Number: [85618-20-8]

Molecular Weight: 294.41

Molecular Formula: C₁₃H₂₆O₅S

Structure



Detergent 21

114 mM FOS-Choline® -8

Synonyms

n-Octylphosphocholine

Detergent Type

Zwitterionic

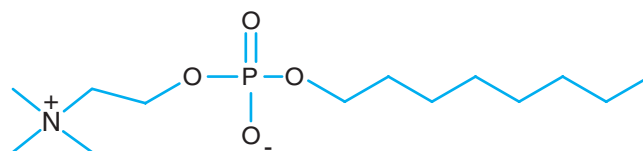
Chemical Information

CAS Number: [53255-89-3]

Molecular Weight: 295.36

Molecular Formula: C₁₃H₃₀NO₄P

Structure



Detergent Structures

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Detergent 22

120 mM CYMAL® -2

Synonyms

2-Cyclohexyl-1-ethyl-β-D-maltoside

Detergent Type

Non Ionic

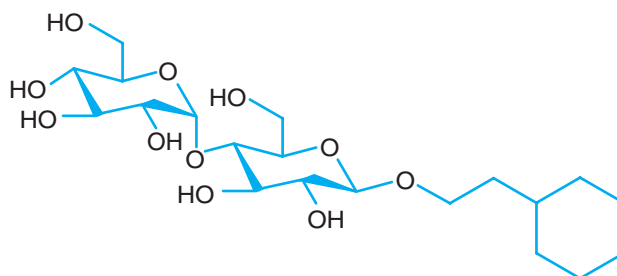
Chemical Information

CAS Number: [260804-65-7]

Molecular Weight: 452.50

Molecular Formula: C₂₀H₃₆O₁₁

Structure



Detergent 23

10% w/v ZWITTERGENT® 3-08

Synonyms

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

Detergent Type

Zwitterionic

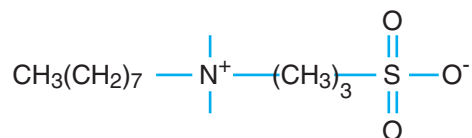
Chemical Information

CAS Number: [15178-76-4]

Molecular Weight: 279.44

Molecular Formula: C₁₃H₂₉NSO₃

Structure



Detergent 24

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: C₁₉H₃₄O₁₁

Structure

