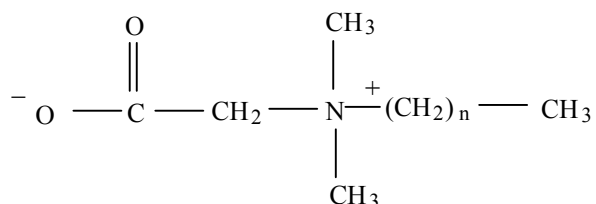


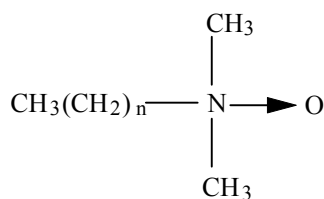
Structures

Alkyl-N,N-dimethylglycine



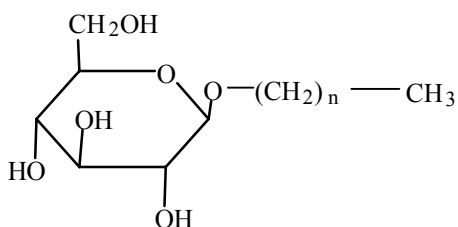
n = 9, n-decyl-N,N-dimethylglycine
 n = 11, n-dodecyl-N,N-dimethylglycine

Alkyl-N,N dimethylamine oxide



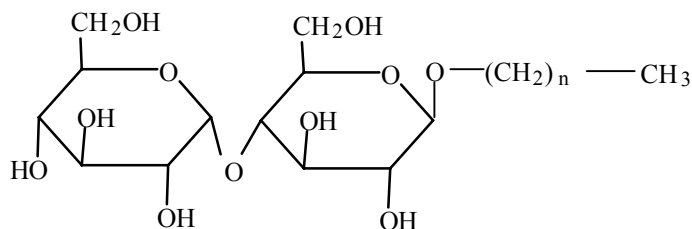
n = 11, DDAO
 n = 13, TDAO

Alkyl-β-D-glucopyranosides



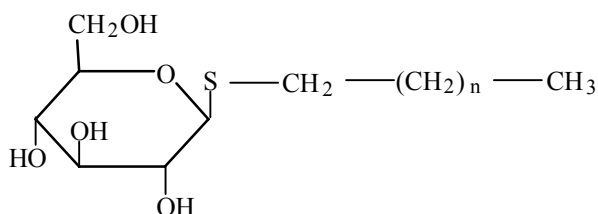
n = 5, hexyl-β-D-glucopyranoside
 n = 6, heptyl-β-D-glucopyranoside
 n = 7, octyl-β-D-glucopyranoside
 n = 8, nonyl-β-D-glucopyranoside
 n = 9, decyl-β-D-glucopyranoside
 n = 11, dodecyl-β-D-glucopyranoside

Alkyl-β-D-maltopyranosides



n = 5, hexyl-β-D-maltopyranoside
 n = 7, octyl-β-D-maltopyranoside
 n = 8, nonyl-β-D-maltopyranoside
 n = 9, decyl-β-D-maltopyranoside
 n = 10, undecyl-β-D-maltopyranoside
 n = 11, dodecyl-β-D-maltopyranoside
 n = 12, tridecyl-β-D-maltopyranoside
 n = 13, tetradecyl-β-D-maltopyranoside
 n = 15, hexadecyl-β-D-maltopyranoside

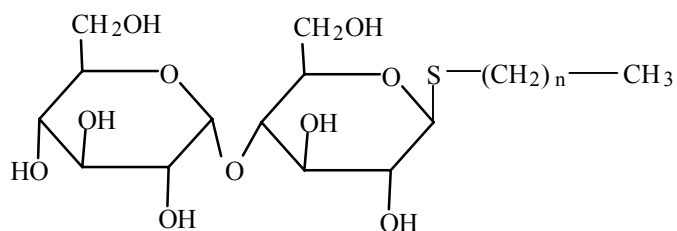
Alkyl-β-D-thioglucopyranosides



n = 5, heptyl-β-D-thioglucopyranoside
 n = 6, octyl-β-D-thioglucopyranoside
 n = 7, nonyl-β-D-thioglucopyranoside
 n = 8, decyl-β-D-thioglucopyranoside

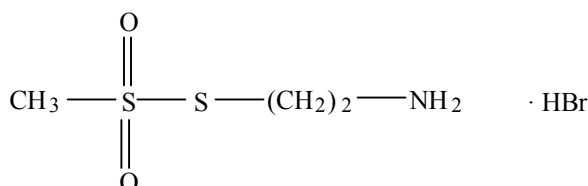
Please note: Alkyl maltopyranosides and alkyl maltosides are used interchangeably for the same compounds. Likewise, glucopyranoside and glucoside refer to the same structure. Alkyl glycoside is a more general term used for any simple sugar derivative. Thus, all glucosides are glycosides, but not all glycosides are glucose derivatives or glucosides.

Alkyl-β-D-thiomaltopyranosides

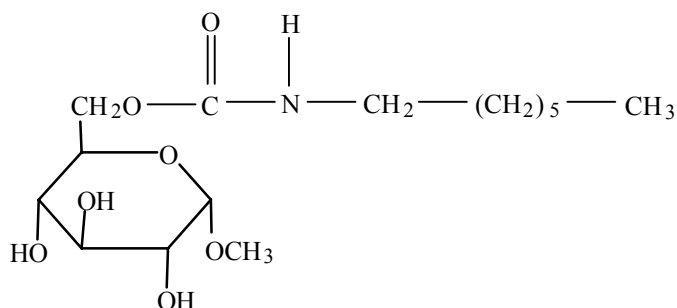


n = 7, octyl-β-D-thiomaltopyranoside
 n = 8, nonyl-β-D-thiomaltopyranoside
 n = 9, decyl-β-D-thiomaltopyranoside
 n = 10, undecyl-β-D-thiomaltopyranoside
 n = 11, dodecyl-β-D-thiomaltopyranoside

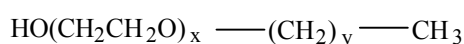
2-Aminoethyl methanethiosulfonate hydrobromide (MTSEA)



ANAMEG™-7

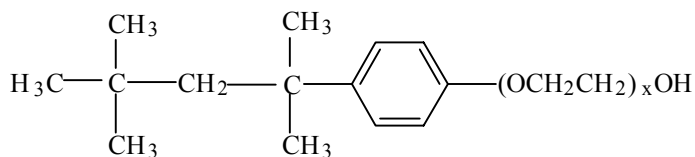


ANAPOE®



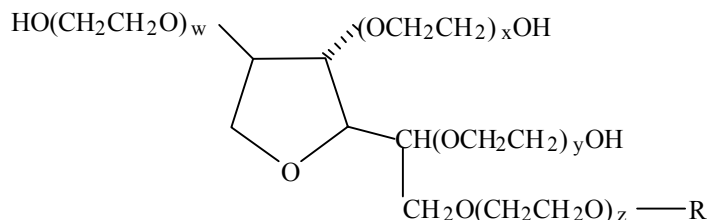
x = 23, y = 11, BRIJ®-35
 x = 20, y = 16, BRIJ®-58

ANAPOE®



x = 10, TRITON® X-100
 x = 8, TRITON® X-114
 x = 30, TRITON® X-305
 x = 40, TRITON® X-405

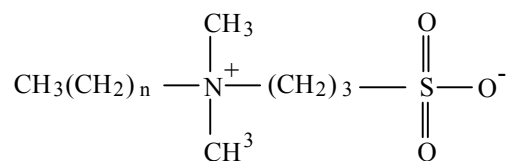
ANAPOE®



Sum of w + x + y + z = 20
 R = C₁₁H₂₃CO₂ (TWEEN®-20)
 R = C₁₇H₃₃CO₂ (TWEEN®-80)

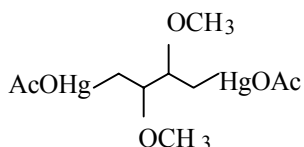
Please note: Alkyl maltopyranosides and alkyl maltosides are used interchangeably for the same compounds. Likewise, glucopyranoside and glucoside refer to the same structure. Alkyl glycoside is a more general term used for any simple sugar derivative. Thus, all glucosides are glycosides, but not all glycosides are glucose derivatives or glucosides.

ANZERGENT™ detergents

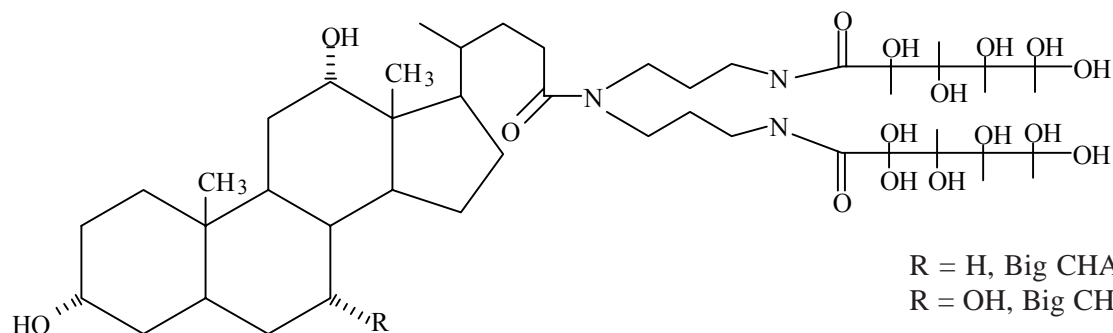


n = 7, ANZERGENT™ 3-8
 n = 9, ANZERGENT™ 3-10
 n = 11, ANZERGENT™ 3-12
 n = 13, ANZERGENT™ 3-14

Baker's Dimercurial

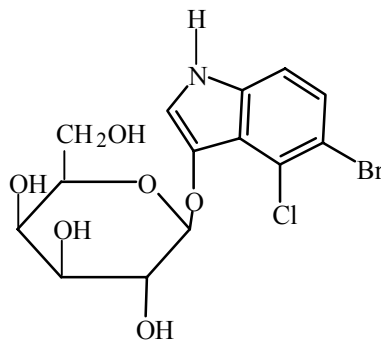


Big CHAP

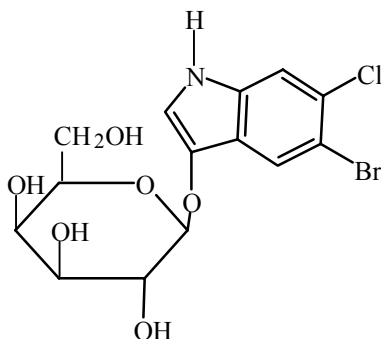


R = H, Big CHAP deoxy
 R = OH, Big CHAP

5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside (X-Gal)



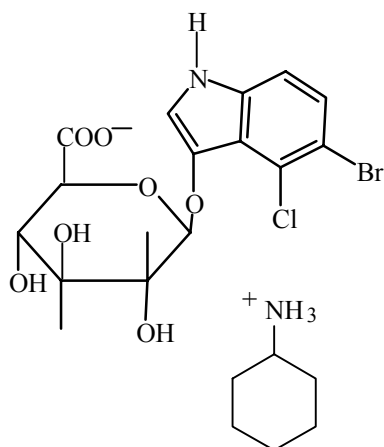
5-Bromo-6-chloro-3-indolyl-β-D-galactopyranoside (Magenta-Gal)



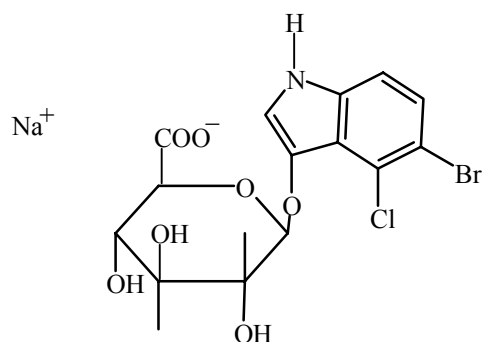
Please note: Alkyl maltopyranosides and alkyl maltosides are used interchangeably for the same compounds. Likewise, glucopyranoside and glucoside refer to the same structure. Alkyl glycoside is a more general term used for any simple sugar derivative. Thus, all glucosides are glycosides, but not all glycosides are glucose derivatives or glucosides.

Technical Data

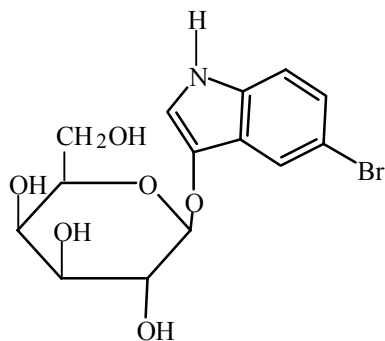
5-Bromo-4-chloro-3-indolyl- β -D-glucopyranoside (X-Glu, CHA)



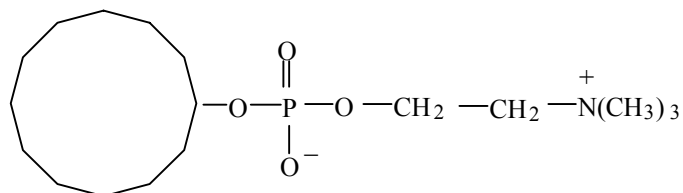
5-Bromo-4-chloro-3-indolyl- β -D-glucopyranoside (X-Glu, Na Salt)



5-Bromo-3-indolyl- β -D-galactopyranoside (Blue-Gal)

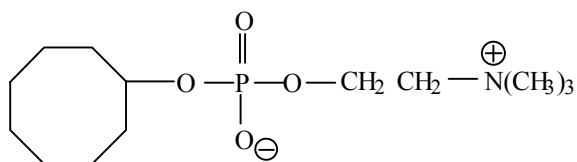


C--DODECAFOS™, ANAGRADE®

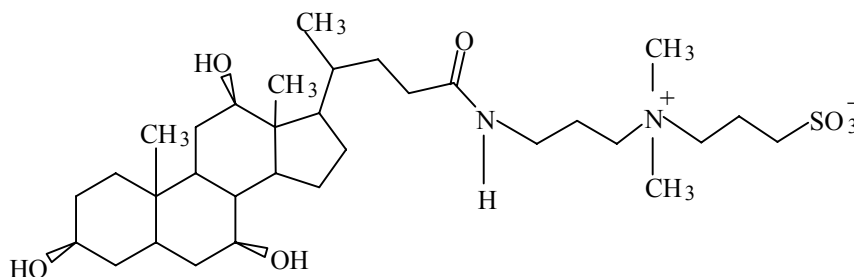


Please note: Alkyl maltopyranosides and alkyl maltosides are used interchangeably for the same compounds. Likewise, glucopyranoside and glucoside refer to the same structure. Alkyl glycoside is a more general term used for any simple sugar derivative. Thus, all glucosides are glycosides, but not all glycosides are glucose derivatives or glucosides.

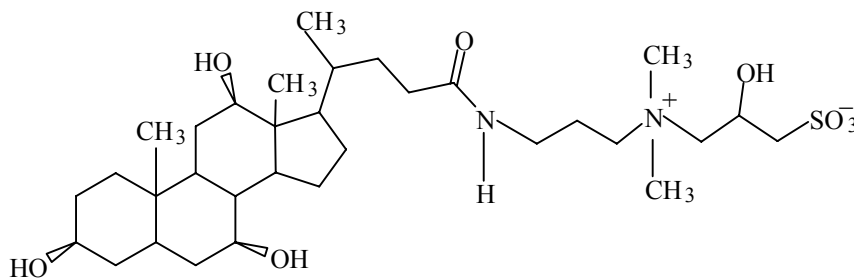
C-OCTAFOS™, ANAGRADE®



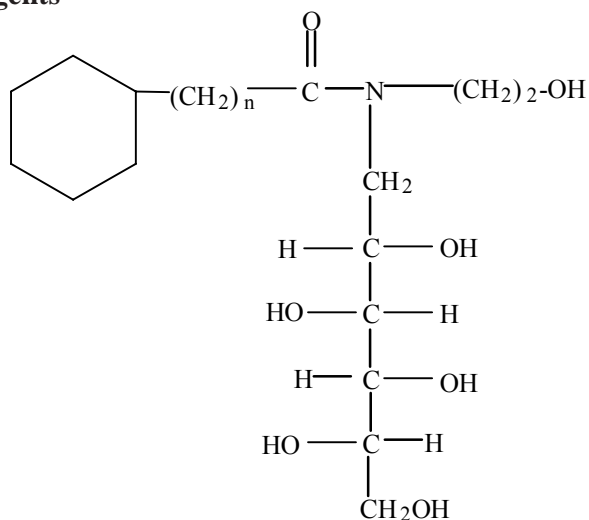
CHAPS



CHAPSO

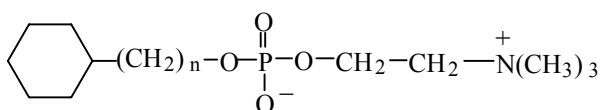


C-HEGA® detergents



n = 1, C-HEGA®-8
 n = 2, C-HEGA®-9
 n = 3, C-HEGA®-10
 n = 4, C-HEGA®-11

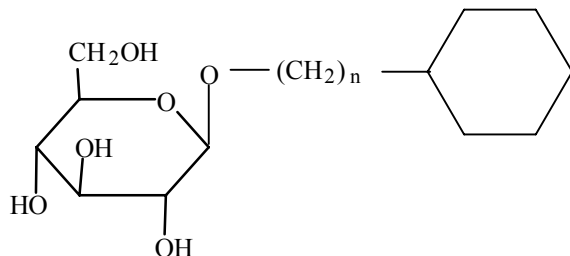
CYFOS™ detergents



n = 2, CYFOS™-2
 n = 3, CYFOS™-3
 n = 4, CYFOS™-4
 n = 5, CYFOS™-5
 n = 6, CYFOS™-6
 n = 7, CYFOS™-7

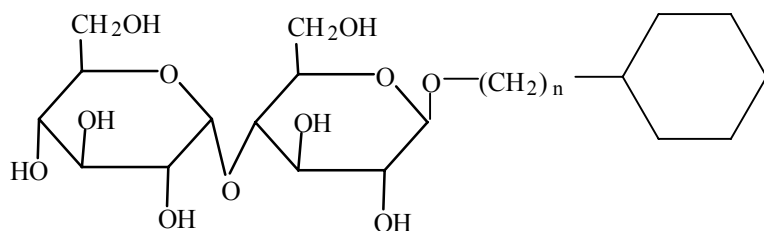
Technical Data

CYGLU[®]-n detergents



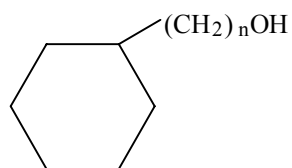
n = 3, CYGLU[™]-3

CYMAL[®]-n detergents



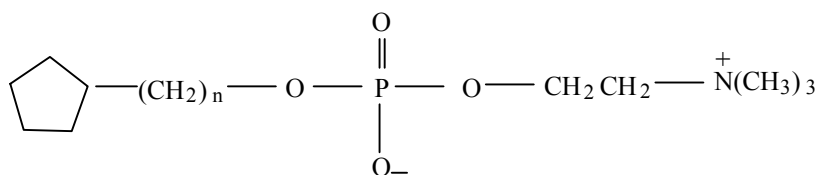
n = 1, CYMAL[®]-1
n = 2, CYMAL[®]-2
n = 3, CYMAL[®]-3
n = 4, CYMAL[®]-4
n = 5, CYMAL[®]-5
n = 6, CYMAL[®]-6
n = 7, CYMAL[®]-7

Cyclohexyl alkyl alcohol



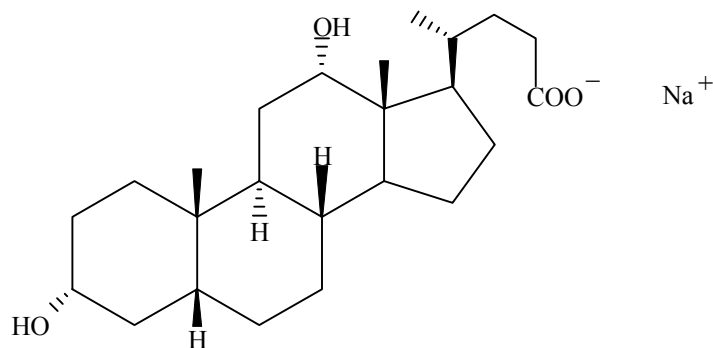
n = 5, cyclohexylpentanol
n = 6, cyclohexylhexanol
n = 7, cyclohexylheptanol

Cyclopentylalkylphosphocholine (CYPFOS[™])

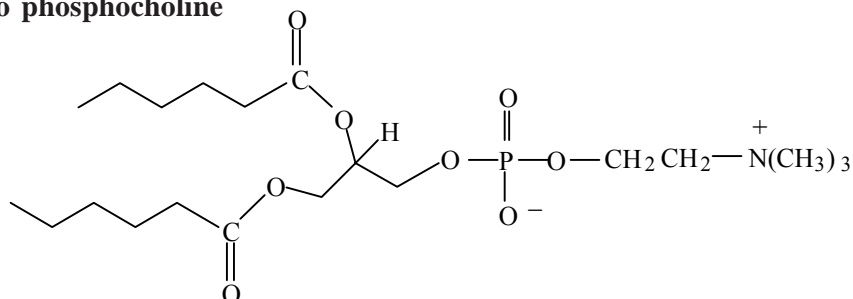


n = 3, CYPFOS[™]-3

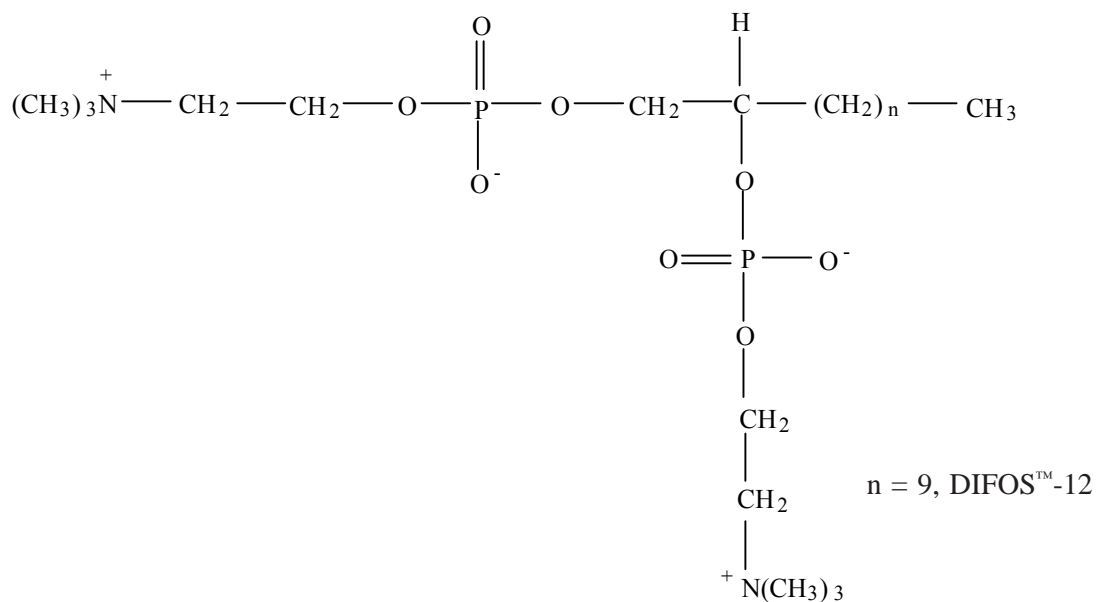
Deoxycholic acid



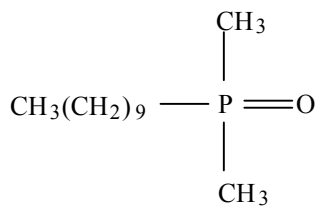
Dicaproyl glycerol phosphocholine



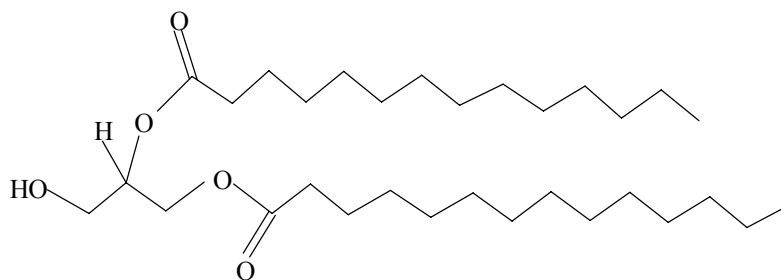
DIFOS™-n



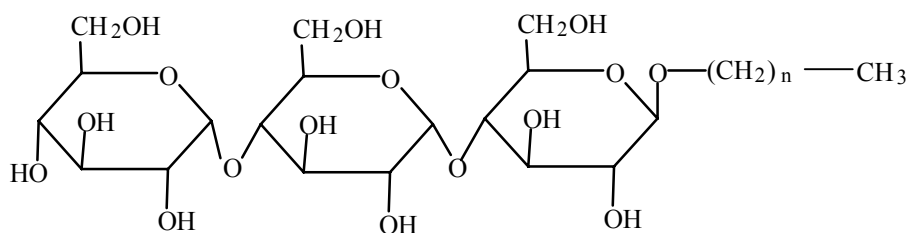
Dimethyldecylphosphine oxide



1,2-dimyristoyl-rac-glycerol

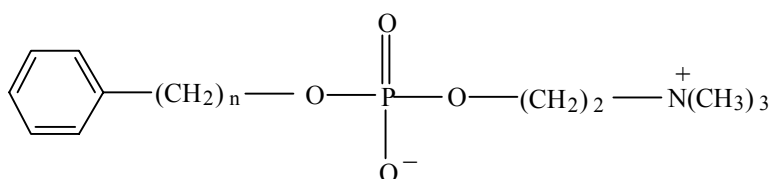


Dodecyl-β-D-maltotrioside



n = 11, Dodecylmaltotrioside

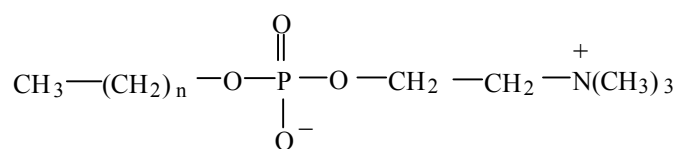
FENFOS™-n



n = 4, FENFOS™-4

n = 5, FENFOS™-5

FOS-CHOLINE®-n detergents



n = 7, FOS-CHOLINE®-8

n = 8, FOS-CHOLINE®-9

n = 9, FOS-CHOLINE®-10

n = 10, FOS-CHOLINE®-11

n = 11, FOS-CHOLINE®-12

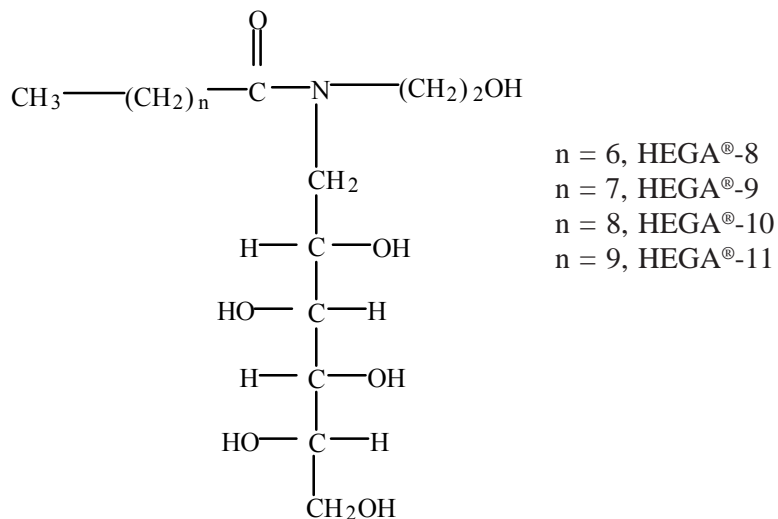
n = 12, FOS-CHOLINE®-13

n = 13, FOS-CHOLINE®-14

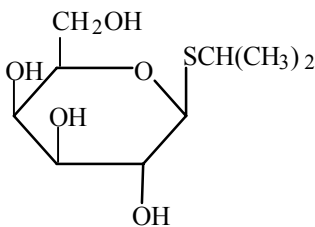
n = 14, FOS-CHOLINE®-15

n = 15, FOS-CHOLINE®-16

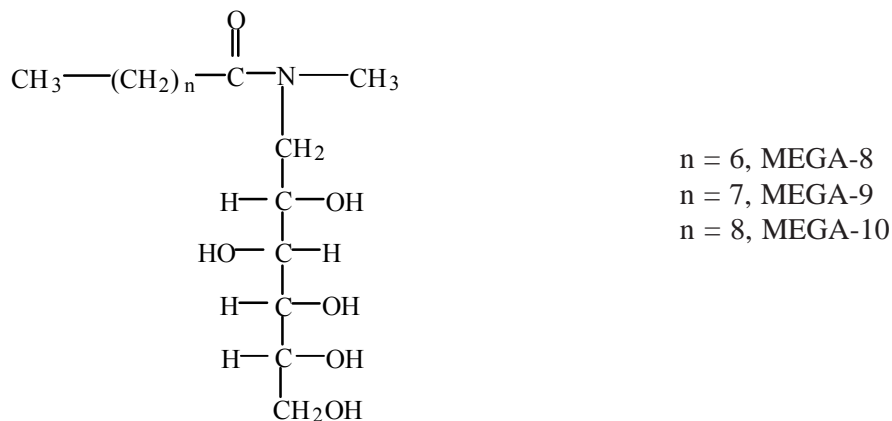
HEGA® detergents



Isopropyl-β-D-thiogalactopyranoside (IPTG)

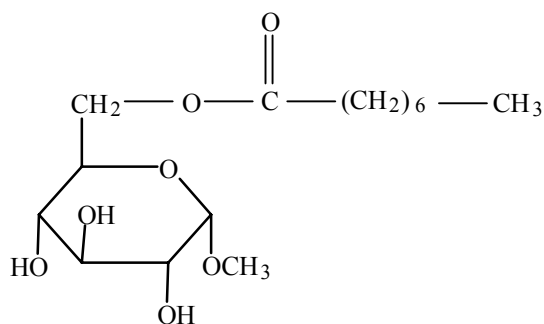


MEGA detergents

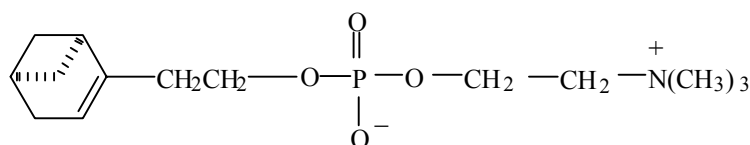


Please note: Alkyl maltopyranosides and alkyl maltosides are used interchangeably for the same compounds. Likewise, glucopyranoside and glucoside refer to the same structure. Alkyl glycoside is a more general term used for any simple sugar derivative. Thus, all glucosides are glycosides, but not all glycosides are glucose derivatives or glucosides.

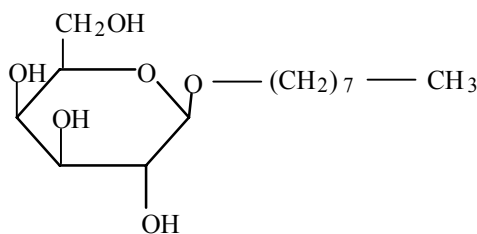
6-O-Methyl-N-heptylcarboxyl- α -D-glucopyranoside



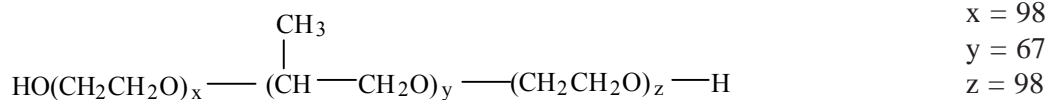
NOPOL-FOS™, ANAGRADE®



Octyl- β -D-galactopyranoside

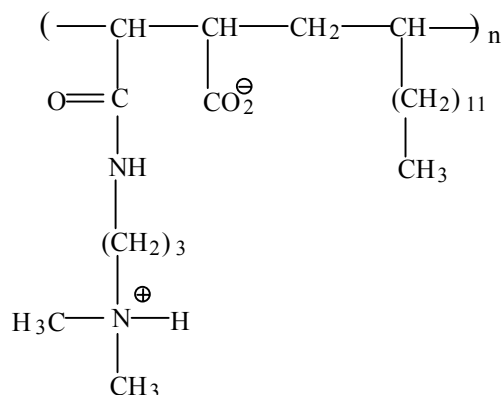


PLURONIC® F-127 (POLOXAMER 407)



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PMAL-B™

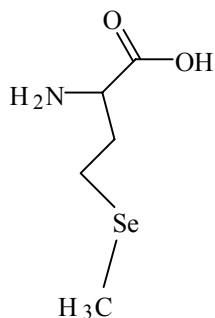


Polyoxyethylene detergents

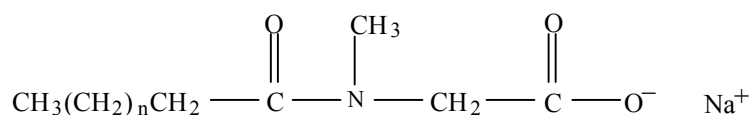


- y = 7, x = 4, tetraethylene glycol mono-octyl ether
- y = 7, x = 5, pentaethylene glycol mono-octyl ether
- y = 7, x = 6, hexaethylene glycol mono-octyl ether
- y = 11, x = 8, octaethylene glycol monododecyl ether
- y = 9, x = 5, pentaethylene glycol monodecyl ether
- y = 9, x = 6, hexaethylene glycol monodecyl ether
- y = 9, x = 9, nonaethylene glycol monodecyl ether
- y = 11, x = 8, octaethylene glycol monododecyl ether
- y = 11, x = 9, nonaethylene glycol monododecyl ether
- y = 12, x = 8, octaethylene glycol monotridecyl ether
- y = 11, x = 10, decaethylene glycol monododecyl ether

Selenomethionine

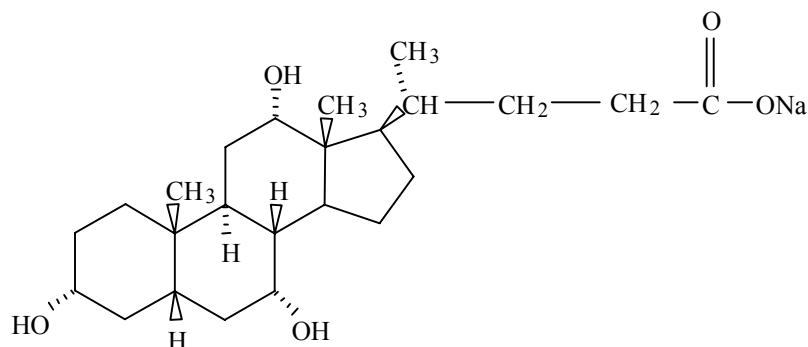


Sodium alkyl sarcosine

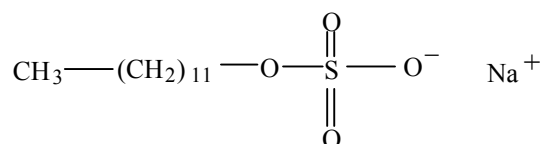


- n = 9, sodium dodecanoyl sarcosine
- n = 7, sodium decanoyl sarcosine

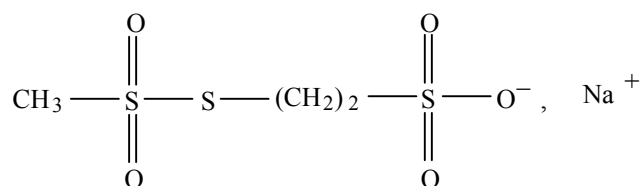
Sodium cholate



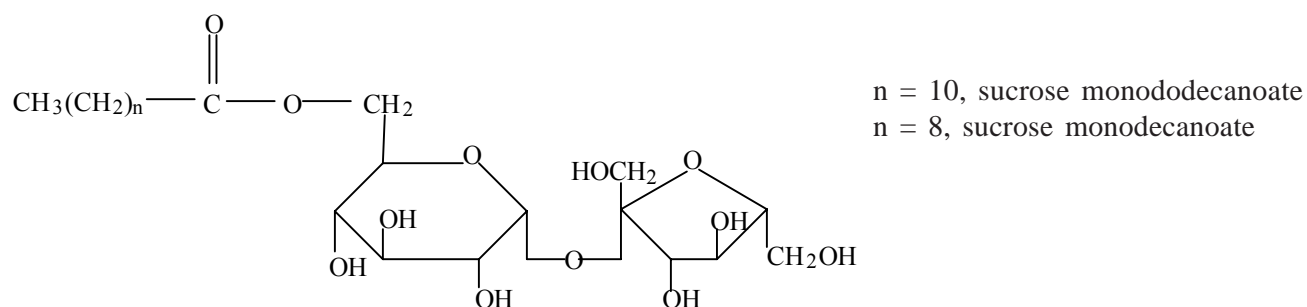
Sodium dodecyl sulfate



Sodium (2-sulfonatoethyl) methanethiosulfonate (MTSES)

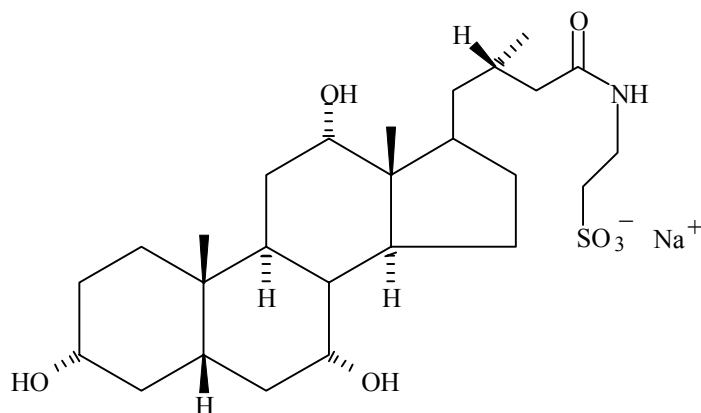


Sucrose mono alkyl ester

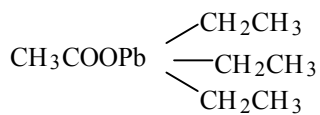


Please note: Sucrose monoalkyl ester is a mixture of the three possible primary alcohol esters. Only one structure is shown here.

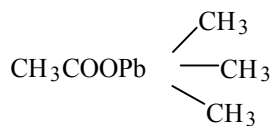
Taurocholic acid



Triethyl lead acetate



Trimethyl lead acetate



[2-(trimethylammonium)ethyl] methanesulfonate bromide (MTSET)

