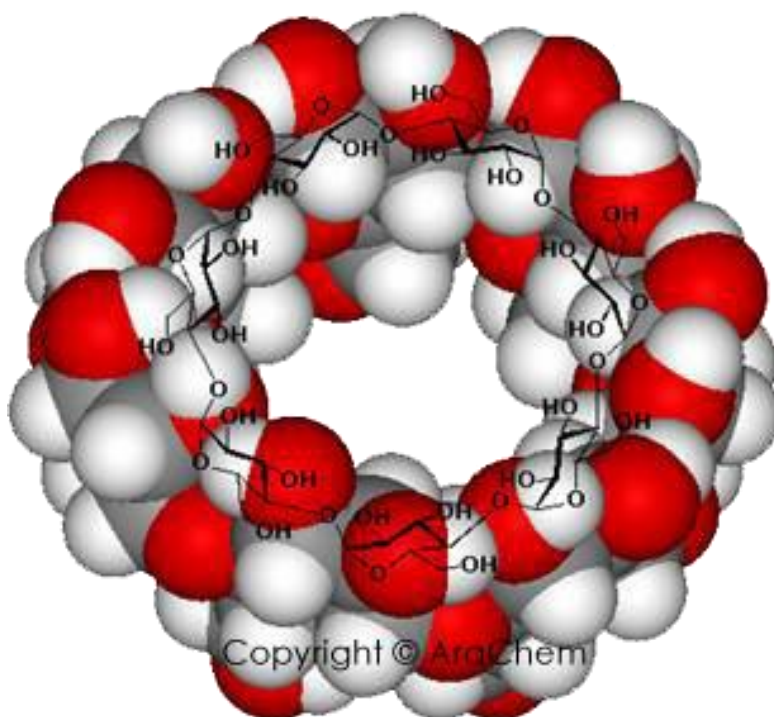


AraChem
Cyclodextrin-Shop



β-Cyclodextrin

Cyclodextrins & derivatives
(Catalogue 2023-2024)

Catalogue

Valid from 01.10.2023

This catalogue is divided in two main sections.

Section-I: containing **Single Isomer of Cyclodextrins Derivatives** with well-defined degree of substitution and position(s) of the substituent(s).

Section-II: listing **Randomly Substituted Cyclodextrins** with only well-defined degree of substitution.

How to order:

At Cyclodextrin-Shop we do not have a minimum order limit. We offer our customers **on-demand pack size** with no surcharge to satisfy their specific needs. You are invited to browse our catalogue to look for the desired product. If the compound of interest is not listed, we will welcome the opportunity to discuss your particular requests and make you a competitive offer. All requests will be treated with high confidentiality.

For multi-grams/kilograms quantities, please send your inquiry for quotation mentioning compound name, catalogue number if known and the desired quantity to: sales@cyclodextrin-shop.com and let us know how to contact you.

Delivery expense (TNT, DHL, FedEx...) will be charged separately depending on your delivery address.

We accept payments by bank wire transfer and Credit Card via PayPal. A credit card fee (6.5% of the transaction value) will be applied.

We do not accept payments by checks.

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Cyclodextrins & derivatives

Section-I:

<u>Catalogue No.</u>	<u>Compound name</u>	<u>Page</u>
CDexA-000	α -Cyclodextrin Bio-Reagent	1
CDexA-015	Hexakis-(6-bromo-6-deoxy)- α -Cyclodextrin	1
CDexA-016	Hexakis-(6-deoxy-6-iodo)- α -Cyclodextrin	1
CDexA-011	Hexakis-(6-azido-6-deoxy)- α -Cyclodextrin	1
CDexA-013	Hexakis-(6-amino-6-deoxy)- α -Cyclodextrin hexahydrochloride	1
CDexA-021	Hexakis-(2,3-di-O-methyl-6-amino-6-deoxy)- α -Cyclodextrin hexahydrochloride	1
CDexA-014	Hexakis-(6-deoxy-6-mercapto)- α -Cyclodextrin	2
CDexA-063	Hexakis-(6-O-sulfo)- α -Cyclodextrin sodium salt	2
CDexA-064	Hexakis-(2,3-di-O-methyl-6-O-sulfo)- α -Cyclodextrin sodium salt	2
CDexA-065	Hexakis-(2,3-di-O-acetyl-6-O-sulfo)- α -Cyclodextrin sodium salt	2
CDexA-006	Hexakis-(6-O-methyl)- α -cyclodextrin	2
CDexA-025	Hexakis-(2,6-di-O-methyl)- α -Cyclodextrin	2
CDexA-028	Hexakis-(2,6-di-O- <i>n</i> -pentyl)- α -Cyclodextrin	3
CDexA-017	Hexakis-(2,3-di-O-methyl)- α -Cyclodextrin	3
CDexA-019	Hexakis-(2,3-di-O-benzyl)- α -Cyclodextrin	3
CDexA-020	Hexakis-(2,3-di-O-acetyl)- α -Cyclodextrin	3
CDexA-009	Hexakis-(6-O- <i>tert</i> -butyldimethylsilyl)- α -Cyclodextrin	3
CDexA-039	Hexakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- α -Cyclodextrin	3
CDexA-041	Hexakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- α -Cyclodextrin	4
CDexA-042	Hexakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- α -Cyclodextrin	4
CDexA-032	Hexakis-(2,3,6-tri-O-methyl)- α -Cyclodextrin	4
CDexA-035	Hexakis-(2,3,6-tri-O-benzyl)- α -Cyclodextrin	4
CDexA-036	Hexakis-(2,3,6-tri-O-acetyl)- α -Cyclodextrin	4
CDexA-038	Hexakis-(2,3,6-tri-O-benzoyl)- α -Cyclodextrin	5
CDexA-052	6-Monodeoxy-6-moniodo- α -Cyclodextrin	5
CDexA-067	6-Monoazido-6-monodeoxy- α -Cyclodextrin	5
CDexA-053	6-Monoamino-6-monodeoxy- α -Cyclodextrin hydrochloride	5
CDexA-054	Mono-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- α -Cyclodextrin	5
CDexA-060	<i>A,D</i> -Di-(2,3-di-O-benzyl)-tetrakis-(2,3,6-tri-O-benzyl)- α -Cyclodextrin	5

CDexB-000	β -Cyclodextrin Bio-Reagent	6
CDexB-015	Heptakis-(6-bromo-6-deoxy)- β -Cyclodextrin	6
CDexB-016	Heptakis-(6-deoxy-6-iodo)- β -Cyclodextrin	6
CDexB-011	Heptakis-(6-azido-6-deoxy)- β -Cyclodextrin	6
CDexB-013	Heptakis-(6-amino-6-deoxy)- β -Cyclodextrin heptahydrochloride	6
CDexB-021	Heptakis-(2,3-di-O-methyl-6-amino-6-deoxy)- β -cyclodextrin heptahydrochloride	6
CDexB-014	Heptakis-(6-deoxy-6-mercapto)- β -cyclodextrin	7
CDexB-063	Heptakis-(6-deoxy-6-O-sulfo)- β -Cyclodextrin sodium salt	7
CDexB-064	Heptakis-(2,3-di-O-methyl-6-O-sulfo)- β -Cyclodextrin sodium salt	7
CDexB-065	Heptakis-(2,3-di-O-acetyl-6-O-sulfo)- β -Cyclodextrin sodium salt	7
CDexB-006	Heptakis-(6-O-methyl)- β -Cyclodextrin	7
CDexB-025	Heptakis-(2,6-di-O-methyl)- β -Cyclodextrin	7
CDexB-028	Heptakis-(2,6-di-O- <i>n</i> -pentyl)- β -Cyclodextrin	8
CDexB-017	Heptakis-(2,3-di-O-methyl)- β -Cyclodextrin	8
CDexB-019	Heptakis-(2,3-di-O-benzyl)- β -Cyclodextrin	8

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Cyclodextrins & derivatives

CDexB-020	Heptakis-(2,3-di-O-acetyl)- β -Cyclodextrin	8
CDexB-032	Heptakis-(2,3,6-tri-O-methyl)- β -Cyclodextrin	8
CDexB-035	Heptakis-(2,3,6-tri-O-benzyl)- β -Cyclodextrin	8
CDexB-036	Heptakis-(2,3,6-tri-O-acetyl)- β -Cyclodextrin	9
CDexB-038	Heptakis-(2,3,6-tri-O-benzoyl)- β -Cyclodextrin	9
CDexB-009	Heptakis-(6-O- <i>tert</i> -butyldimethylsilyl)- β -Cyclodextrin	9
CDexB-039	Heptakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- β -cyclodextrin	9
CDexB-041	Heptakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- β -cyclodextrin	9
CDexB-042	Heptakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- β -cyclodextrin	10
CDexB-050	6-Monotosyl- β -Cyclodextrin	10
CDexB-052	6-Monodeoxy-6-moniodo- β -Cyclodextrin	10
CDexB-067	6-Monoazido-6-monodeoxy- β -Cyclodextrin	10
CDexB-053	6- Monoamino-6-monodeoxy- β -Cyclodextrin hydrochloride	10
CDexB-052	6-Monodeoxy-6-monothio- β -Cyclodextrin	10
CDexB-054	Mono-(2,3-di-O-benzyl)-hexakis-(2,3,6-tri-O-benzyl)- β -Cyclodextrin	11
CDexB-082	6-Monoamino-6-monodeoxy-per-methyl- β -Cyclodextrin hydrochloride	11
CDexB-060	<i>A,D</i> -Di-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- β -Cyclodextrin	11

CDexG-000	γ -Cyclodextrin Bio-Reagent	12
CDexG-015	Octakis-(6-bromo-6-deoxy)- γ -Cyclodextrin	12
CDexG-016	Octakis-(6-deoxy-6-iodo)- γ -Cyclodextrin	12
CDexG-011	Octakis-(6-azido-6-deoxy)- γ -Cyclodextrin	12
CDexG-013	Octakis-(6-amino-6-deoxy)- γ -Cyclodextrin octahydrochloride	12
CDexG-021	Octakis-(2,3-di-O-methyl-6-amino-6-deoxy)- γ -Cyclodextrin octahydrochloride	12
CDexG-014	Octakis-(6-deoxy-6-mercapto)- γ -Cyclodextrin	13
CDexG-063	Octakis-(6-O-sulfo)- γ -Cyclodextrin sodium salt	13
CDexG-064	Octakis-(2,3-di-O-methyl-6-O-sulfo)- γ -Cyclodextrin sodium salt	13
CDexG-065	Octakis-(2,3-di-O-acetyl-6-O-sulfo)- γ -Cyclodextrin sodium salt	13
CDexG-006	Octakis-(6-O-methyl)- γ -Cyclodextrin	13
CDexG-025	Octakis-(2,6-di-O-methyl)- γ -Cyclodextrin	13
CDexG-028	Octakis-(2,3-di-O- <i>n</i> -pentyl)- γ -Cyclodextrin	14
CDexG-017	Octakis-(2,3-di-O-methyl)- γ -Cyclodextrin	14
CDexG-019	Octakis-(2,3-di-O-benzyl)- γ -Cyclodextrin	14
CDexG-020	Octakis-(2,3-di-O-acetyl)- γ -Cyclodextrin	14
CDexG-009	Octakis-(6-O- <i>tert</i> -butyldimethylsilyl)- γ -Cyclodextrin	14
CDexG-039	Octakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- γ -Cyclodextrin	14
CDexG-041	Octakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- γ -Cyclodextrin	15
CDexG-042	Octakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- γ -cyclodextrin	15
CDexG-032	Octakis-(2,3,6-tri-O-methyl)- γ -Cyclodextrin	15
CDexG-035	Octakis-(2,3,6-tri-O-benzyl)- γ -Cyclodextrin	15
CDexG-036	Octakis-(2,3,6-tri-O-acetyl)- γ -Cyclodextrin	15
CDexG-038	Octakis-(2,3,6-tri-O-benzoyl)- γ -Cyclodextrin	15
CDexG-052	6-Moniodo-6-monodeoxy- γ -Cyclodextrin	16
CDexG-067	6-Monoazido-6-monodeoxy- γ -Cyclodextrin	16
CDexG-053	6- Monoamino-6-monodeoxy- γ -Cyclodextrin hydrochloride	16
CDexG-054	Mono-(2,3-di-O-benzyl)-heptakis-(2,3,6-tri-O-benzyl)- γ -Cyclodextrin	16

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Cyclodextrins & derivatives

Section-II:

<u>Catalogue No.</u>	<u>Compound name</u>	<u>Page</u>
CDexA-070	Carboxymethyl- α -Cyclodextrin, sodium salt	17
CDexA-071	Succinyl- α -Cyclodextrin	17
CDexA-073	α -Cyclodextrin sulfate sodium salt	17
CDexA-076	Methyl- α -Cyclodextrin	17
CDexA-079	<i>n</i> -Butyl- α -Cyclodextrin	17
CDexA-075	(2-Hydroxypropyl)- α -Cyclodextrin	17
CDexB-070	Carboxymethyl- β -Cyclodextrin, sodium salt	18
CDexB-071	Succinyl- β -Cyclodextrin	18
CDexB-073	β -Cyclodextrin sulfate sodium salt	18
CDexB-080	Sulfobutyl- β -Cyclodextrin sodium salt	18
CDexB-077	Di-methyl- β -cyclodextrin	18
CDexB-076	Methyl- β -Cyclodextrin Bio-Reagent	18
CDexB-079	<i>n</i> -Butyl- β -Cyclodextrin	19
CDexB-075	(2-Hydroxypropyl)- β -Cyclodextrin Bio-Reagent	19
CDexG-070	Carboxymethyl- γ -Cyclodextrin, sodium salt	20
CDexG-071	Succinyl- γ -Cyclodextrin	20
CDexG-073	γ -Cyclodextrin sulfate sodium salt	20
CDexG-076	Methyl- γ -Cyclodextrin	20
CDexG-079	<i>n</i> -Butyl- γ -Cyclodextrin	20
CDexG-075	(2-Hydroxypropyl)- γ -Cyclodextrin	20

Section-I

This section deals with **Single Isomer of Cyclodextrins Derivatives** with well-defined degree of substitution and position(s) of the substituent(s).

α -Cyclodextrin & derivatives

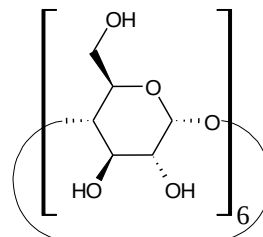
α -Cyclodextrin, *Bio-Reagent* $\geq 99\%$ (HPLC)

Cat. No : CDexA-000/BR

CAS : 10016-20-3

Formula : $C_{36}H_{60}O_{30}$

MW : 972.84



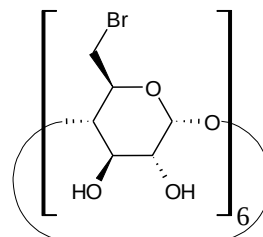
Hexakis-(6-bromo-6-deoxy)- α -Cyclodextrin $\geq 97\%$

Cat. No : CDexA-015

CAS : 53784-82-0

Formula : $C_{36}H_{54}Br_6O_{24}$

MW : 1350.22



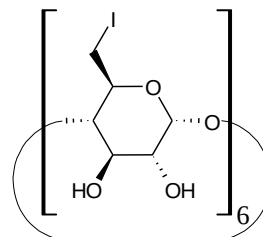
Hexakis-(6-deoxy-6-iodo)- α -Cyclodextrin $\geq 97\%$

Cat. No : CDexA-016

CAS : 131105-41-4

Formula : $C_{36}H_{54}I_6O_{24}$

MW : 1632.22



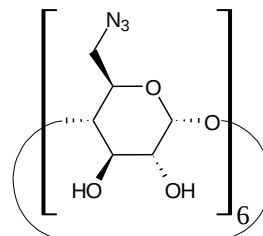
Hexakis-(6-azido-6-deoxy)- α -Cyclodextrin $\geq 97\%$

Cat. No : CDexA-011

CAS : -----

Formula : $C_{36}H_{54}N_{18}O_{24}$

MW : 1122.92



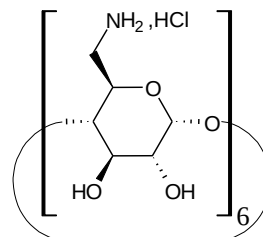
Hexakis-(6-amino-6-deoxy)- α -Cyclodextrin
hexahydrochloride $\geq 97\%$

Cat. No : CDexA-013

CAS : 68779-95-3

Formula : $C_{36}H_{66}N_6O_{24} \cdot 6HCl$

MW : 1185.70



Hexakis-(2,3-di-O-methyl-6-amino-6-deoxy)- α -Cyclodextrin
hexahydrochloride $\geq 98\%$

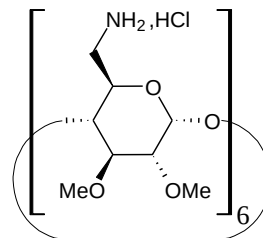
Cat. No : CDexA-021

CAS : -----

Formula : $C_{48}H_{90}N_6O_{24} \cdot 6HCl$

MW : 1354.02

Me = methyl



α -Cyclodextrin & derivatives

Hexakis-(6-deoxy-6-mercapto)- α -Cyclodextrin $\geq 97\%$

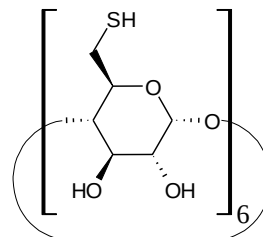
Hexakis-(6-deoxy-6-thio)- α -Cyclodextrin

Cat. No : CDexA-014

CAS : 180839-60-5

Formula : $C_{36}H_{60}O_{24}S_6$

MW : 1069.23



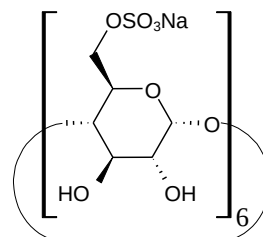
Hexakis-(6-O-sulfo)- α -Cyclodextrin hexasodium salt $\geq 97\%$

Cat. No : CDexA-063

CAS : -----

Formula : $C_{36}H_{54}O_{48}S_6.6Na$

MW : 1585.11



Hexakis-(2,3-di-O-methyl-6-O-sulfo)- α -Cyclodextrin
hexasodium salt $\geq 97\%$

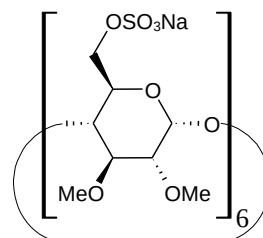
Cat. No : CDexA-064

CAS : -----

Formula : $C_{48}H_{78}O_{48}S_6.6Na$

MW : 1753.43

Me = methyl



Hexakis-(2,3-di-O-acetyl-6-O-sulfo)- α -Cyclodextrin
hexasodium salt $\geq 97\%$

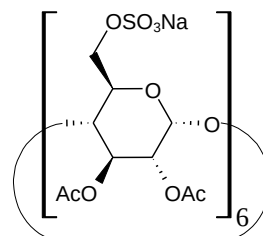
Cat. No : CDexA-065

CAS : -----

Formula : $C_{60}H_{78}O_{60}S_6.6Na$

MW : 2089.55

Ac = acetyl



Hexakis-(6-O-methyl)- α -Cyclodextrin $\geq 97\%$

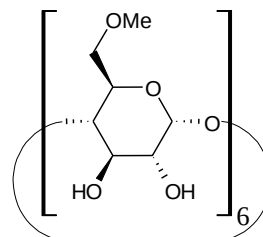
Cat. No : CDexA-006

CAS : -----

Formula : $C_{42}H_{72}O_{30}$

MW : 1057

Me = methyl



Hexakis-(2,6-di-O-methyl)- α -Cyclodextrin $\geq 97\%$

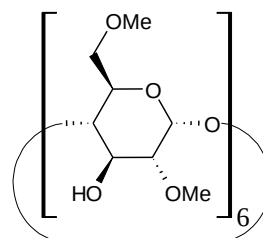
Cat. No : CDexA-025

CAS : -----

Formula : $C_{48}H_{84}O_{30}$

MW : 1141.16

Me = methyl



α -Cyclodextrin & derivatives

Hexakis-(2,6-di-O- *n*-pentyl)- α -Cyclodextrin $\geq 97\%$

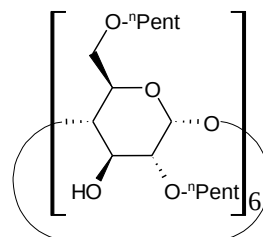
Cat. No : CDexA-028

CAS : 120336-45-0

Formula : $C_{96}H_{180}O_{30}$

MW : 1814.44

ⁿPent = pentyl



Hexakis-(2,3-di-O-methyl)- α -Cyclodextrin $\geq 98\%$

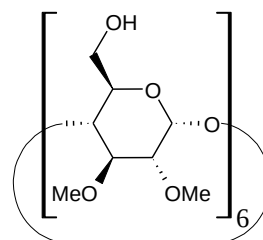
Cat. No : CDexA-017

CAS : - - - - -

Formula : $C_{48}H_{84}O_{30}$

MW : 1141.16

Me = methyl



Hexakis-(2,3-di-O-benzyl)- α -Cyclodextrin $\geq 98\%$

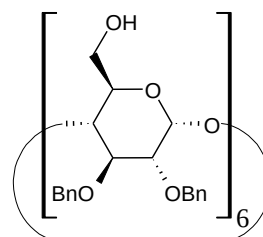
Cat. No : CDexA-019

CAS : - - - - -

Formula : $C_{120}H_{132}O_{30}$

MW : 2054.31

Bn = benzyl



Hexakis-(2,3-di-O-acetyl)- α -Cyclodextrin $\geq 98\%$

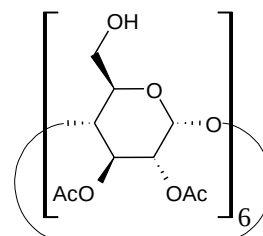
Cat. No : CDexA-020

CAS : - - - - -

Formula : $C_{60}H_{84}O_{42}$

MW : 1477.28

Ac = acetyl



Hexakis-(6-O-*tert*-butyldimethylsilyl)- α -Cyclodextrin $\geq 98\%$

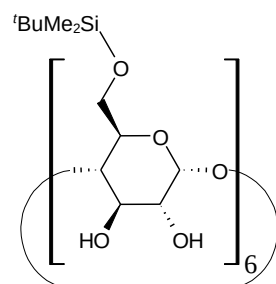
Cat. No : CDexA-009

CAS : 118646-79-0

Formula : $C_{72}H_{144}O_{30}Si_6$

MW : 1658.41

^tBuMe₂Si = *tert*-butyldimethylsilyl



Hexakis-(2,3-di-O-methyl-6-O-*tert*-butyldimethylsilyl)- α -Cyclodextrin $\geq 98\%$

Cat. No : CDexA-039

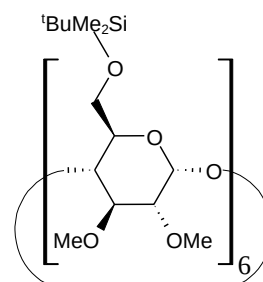
CAS : - - - - -

Formula : $C_{84}H_{168}O_{30}Si_6$

MW : 1826.73

Me = methyl

^tBuMe₂Si = *tert*-butyldimethylsilyl



α -Cyclodextrin & derivatives

Hexakis-(2,3-di-O-benzyl-6-O-*tert*-butyldimethylsilyl)- α -Cyclodextrin $\geq 98\%$

Cat. No : CDexA-041

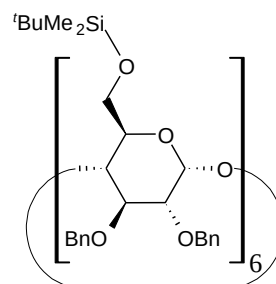
CAS : - - - - -

Formula : $C_{156}H_{216}O_{30}Si_6$

MW : 2739.88

Bn = benzyl

^tBuMe₂Si = *tert*-butyldimethylsilyl



Hexakis-(2,3-di-O-acetyl-6-O-*tert*-butyldimethylsilyl)- α -Cyclodextrin $\geq 98\%$

Cat. No : CDexA-042

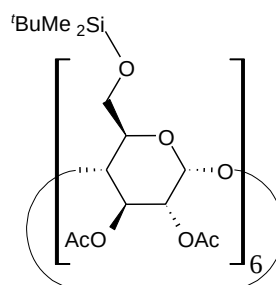
CAS : 118663-74-4

Formula : $C_{96}H_{168}O_{42}Si_6$

MW : 2162.85

Ac = acetyl

^tBuMe₂Si = *tert*-butyldimethylsilyl



Hexakis-(2,3,6-tri-O-methyl)- α -Cyclodextrin $\geq 98\%$

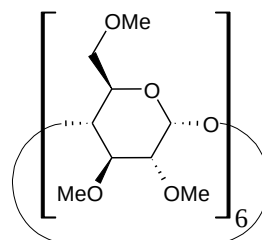
Cat. No : CDexA-032

CAS : 68715-56-0

Formula : $C_{54}H_{96}O_{30}$

MW : 1225.32

Me = methyl



Hexakis-(2,3,6-tri-O-benzyl)- α -Cyclodextrin $\geq 98\%$

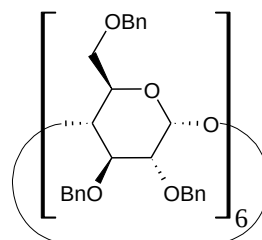
Cat. No : CDexA-035

CAS : - - - - -

Formula : $C_{162}H_{168}O_{30}$

MW : 2595.05

Bn = benzyl



Hexakis-(2,3,6-tri-O-acetyl)- α -Cyclodextrin $\geq 98\%$

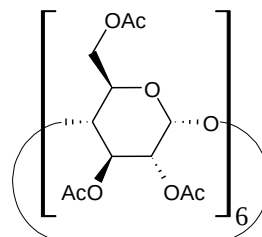
Cat. No : CDexA-036

CAS : 23661-37-2

Formula : $C_{72}H_{96}O_{48}$

MW : 1729.50

Ac = acetyl



α -Cyclodextrin & derivatives

Hexakis-(2,3,6-tri-O-benzoyl)- α -Cyclodextrin $\geq 98\%$

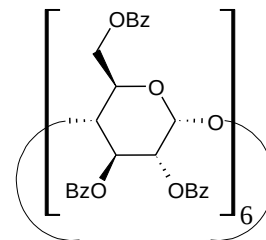
Cat. No : CDexA-038

CAS : -----

Formula : $C_{162}H_{132}O_{48}$

MW : 2846.75

Bz = benzoyl



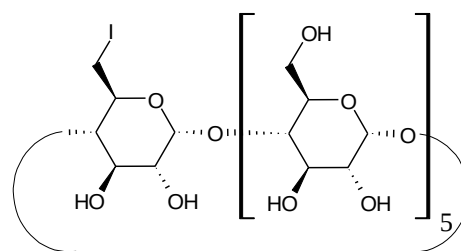
6-Monodeoxy-6-iodo- α -Cyclodextrin $\geq 97\%$

Cat. No : CDexA-052

CAS : -----

Formula : $C_{36}H_{59}IO_{29}$

MW : 1082.74



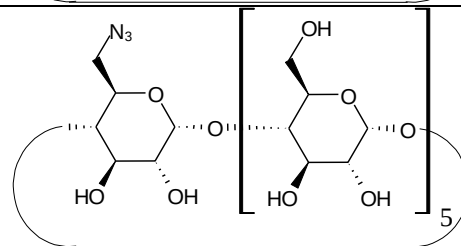
6-Monoazido-6-monodeoxy- α -Cyclodextrin $\geq 97\%$

Cat. No : CDexA-067

CAS : -----

Formula : $C_{36}H_{59}N_3O_{29}$

MW : 997.85



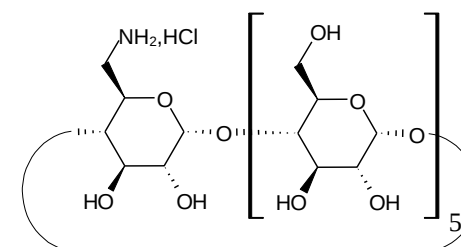
6-Monoamino-6-monodeoxy- α -Cyclodextrin
hydrochloride $\geq 97\%$

Cat. No : CDexA-053

CAS : 29556-37-4

Formula : $C_{36}H_{61}NO_{29}.HCl$

MW : 1008.32



Mono-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- α -
Cyclodextrin $\geq 98\%$

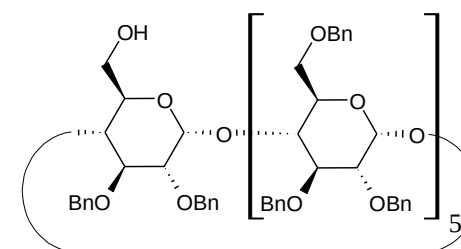
Cat. No : CDexA-054

CAS : -----

Formula : $C_{155}H_{162}O_{30}$

MW : 2504.92

Bn = benzyl



A,D-Di-(2,3-di-O-benzyl)-tetrakis-(2,3,6-tri-O-benzyl)- α -
Cyclodextrin $\geq 98\%$

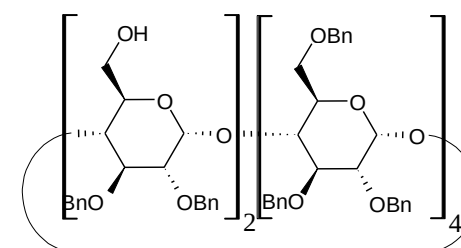
Cat. No : CDexA-060

CAS : -----

Formula : $C_{148}H_{156}O_{30}$

MW : 2414.80

Bn = benzyl



β -Cyclodextrin & derivatives

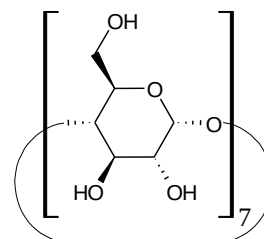
β -Cyclodextrin, *Bio-Reagent* $\geq 99\%$ (HPLC)

Cat. No : CDexB-000/BR

CAS : 7585-39-9

Formula : $C_{42}H_{70}O_{35}$

MW : 1134.98



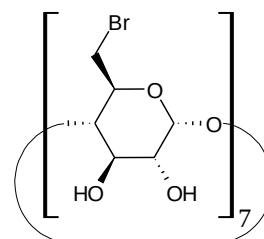
Heptakis-(6-bromo-6-deoxy)- β -Cyclodextrin $\geq 97\%$

Cat. No : CDexB-015

CAS : 53784-83-1

Formula : $C_{42}H_{63}Br_7O_{28}$

MW : 1575.26



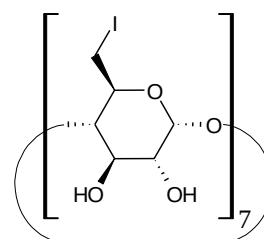
Heptakis-(6-deoxy-6-iodo)- β -Cyclodextrin $\geq 97\%$

Cat. No : CDexB-016

CAS : 30754-23-5

Formula : $C_{42}H_{63}I_7O_{28}$

MW : 1904.26



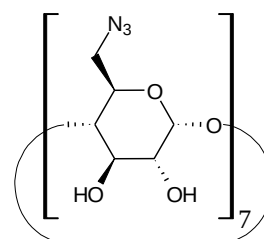
Heptakis-(6-azido-6-deoxy)- β -Cyclodextrin $\geq 97\%$

Cat. No : CDexB-011

CAS : 53958-47-7

Formula : $C_{42}H_{63}N_{21}O_{28}$

MW : 1310.07



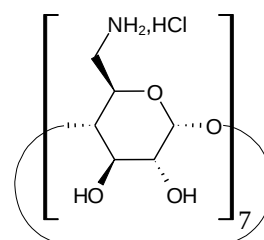
Heptakis-(6-amino-6-deoxy)- β -Cyclodextrin
heptahydrochloride $\geq 97\%$

Cat. No : CDexB-013

CAS : 65024-90-0

Formula : $C_{42}H_{77}N_7O_{28} \cdot 7HCl$

MW : 1383.31



Heptakis-(2,3-di-O-methyl-6-amino-6-deoxy)- β -Cyclodextrin
heptahydrochloride $\geq 97\%$

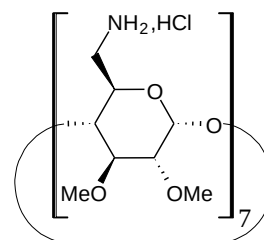
Cat. No : CDexB-021

CAS : - - - - -

Formula : $C_{56}H_{105}N_7O_{28} \cdot 7HCl$

MW : 1579.69

Me : methyl

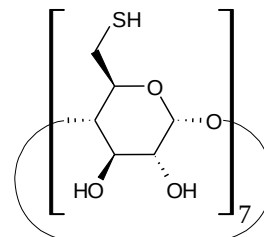


β -Cyclodextrin & derivatives

Heptakis-(6-deoxy-6-mercapto)- β -Cyclodextrin $\geq 97\%$
Heptakis-(6-deoxy-6-thio)- β -Cyclodextrin

Cat. No : CDexB-014
Formula : $C_{42}H_{70}O_{28}S_7$

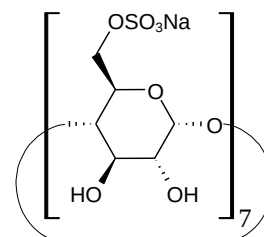
CAS : 160661-60-9
MW : 1247.44



Heptakis-(6-O-sulfo)- β -Cyclodextrin
heptasodium salt $\geq 97\%$

Cat. No : CDexB-063
Formula : $C_{42}H_{63}Na_7O_{56}S_7$

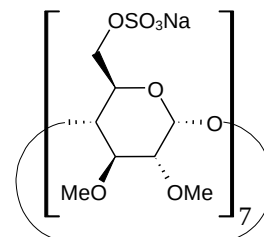
CAS : 197587-31-8
MW : 1849.30



Heptakis-(2,3-di-O-methyl-6-O-sulfo)- β -Cyclodextrin
heptasodium salt $\geq 97\%$

Cat. No : CDexB-064
Formula : $C_{56}H_{63}Na_7O_{56}S_7$
Me = methyl

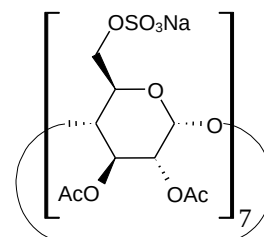
CAS : 201346-23-8
MW : 2045.67



Heptakis-(2,3-di-O-acetyl-6-O-sulfo)- β -Cyclodextrin
heptasodium salt $\geq 97\%$

Cat. No : CDexB-065
Formula : $C_{70}H_{91}Na_7O_{70}S_7$
Ac = acetyl

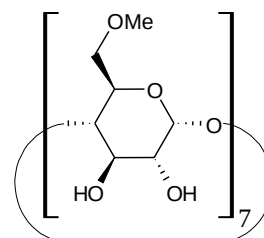
CAS : 196398-66-0
MW : 2437.81



Heptakis-(6-O-methyl)- β -Cyclodextrin $\geq 98\%$

Cat. No : CDexB-006
Formula : $C_{49}H_{84}O_{35}$
Me = methyl

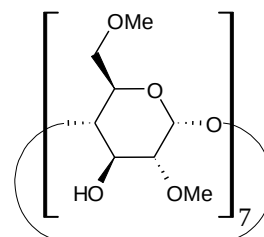
CAS : - - - - -
MW : 1233.17



Heptakis-(2,6-di-O-methyl)- β -Cyclodextrin $\geq 98\%$

Cat. No : CDexB-025
Formula : $C_{56}H_{98}O_{35}$
Me = methyl

CAS : 51166-71-3
MW : 1331.35



β-Cyclodextrin & derivatives

Heptakis-(2,6-di-O-*n*-pentyl)-β-Cyclodextrin ≥98%

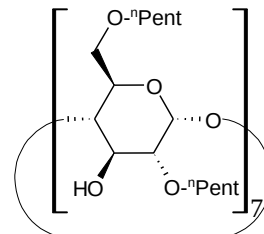
Cat. No : CDexB-028

CAS : 121801-65-8

Formula : C₁₁₂H₂₁₀O₃₅

MW : 2116.84

ⁿPent = pentyl



Heptakis-(2,3-di-O-methyl)-β-Cyclodextrin ≥98%

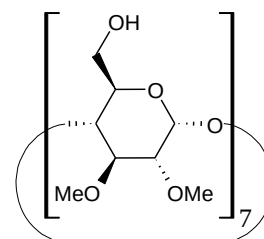
Cat. No : CDexB-017

CAS : - - - - -

Formula : C₅₆H₉₈O₃₅

MW : 1331.35

Me = methyl



Heptakis-(2,3-di-O-benzyl)-β-Cyclodextrin ≥98%

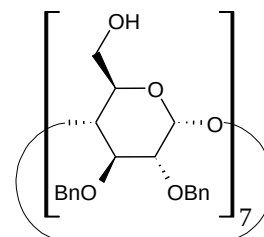
Cat. No : CDexB-019

CAS : - - - - -

Formula : C₁₄₀H₁₅₄O₃₅

MW : 2396.70

Bn = benzyl



Heptakis-(2,3-di-O- acetyl)-β-Cyclodextrin ≥98%

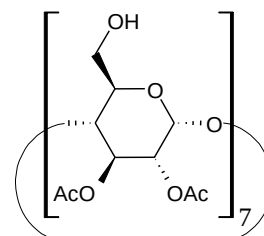
Cat. No : CDexB-020

CAS : - - - - -

Formula : C₇₀H₉₈O₄₉

MW : 1723.50

Ac = acetyl



Heptakis-(2,3,6-tri-O- methyl)-β-Cyclodextrin ≥98%

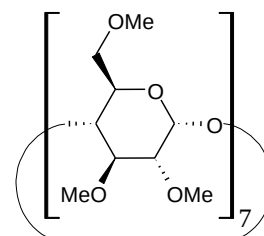
Cat. No : CDexB-032

CAS : 55216-11-0

Formula : C₆₃H₁₁₂O₃₅

MW : 1429.54

Me = methyl



Heptakis-(2,3,6-tri-O- benzyl)-β-Cyclodextrin ≥98%

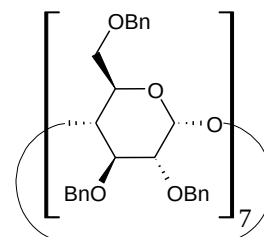
Cat. No : CDexB-035

CAS : - - - - -

Formula : C₁₈₉H₁₉₆O₃₅

MW : 3027.56

Bn = benzyl



β -Cyclodextrin & derivatives

Heptakis-(2,3,6-tri-O- acetyl)- β -Cyclodextrin $\geq 98\%$

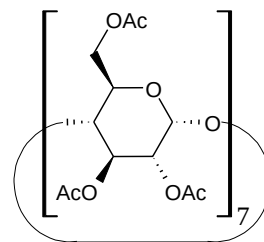
Cat. No : CDexB-036

CAS : 23739-88-0

Formula : $C_{84}H_{112}O_{56}$

MW : 2017.75

Ac = acetyl



Heptakis-(2,3,6-tri-O- benzoyl)- β -Cyclodextrin $\geq 98\%$

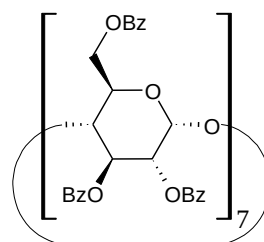
Cat. No : CDexB-038

CAS : 23666-43-5

Formula : $C_{189}H_{154}O_{56}$

MW : 3321.21

Bz = benzoyl



Heptakis-(6-O-*tert*-butyldimethylsilyl)- β -Cyclodextrin $\geq 98\%$

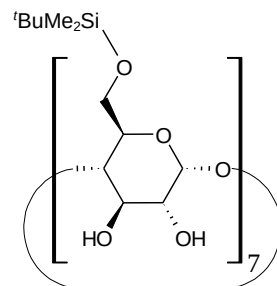
Cat. No : CDexB-009

CAS : 123155-03-3

Formula : $C_{84}H_{168}O_{35}Si_7$

MW : 1934.81

^tBuMe₂Si = *tert*-butyldimethylsilyl



Heptakis-(2,3-di-O-methyl-6-O-*tert*-butyldimethylsilyl)- β -Cyclodextrin $\geq 98\%$

Cat. No : CDexB-039

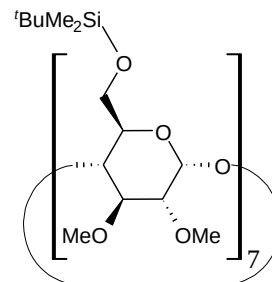
CAS : 123155-04-4

Formula : $C_{98}H_{196}O_{35}Si_7$

MW : 2131.18

Me = methyl

^tBuMe₂Si = *tert*-butyldimethylsilyl



Heptakis-(2,3-di-O-benzyl-6-O-*tert*-butyldimethylsilyl)- β -Cyclodextrin $\geq 98\%$

Cat. No : CDexB-041

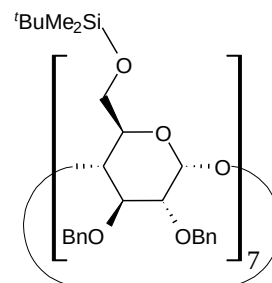
CAS : - - - - -

Formula : $C_{182}H_{252}O_{35}Si_7$

MW : 3196.52

Me = methyl

^tBuMe₂Si = *tert*-butyldimethylsilyl



β -Cyclodextrin & derivatives

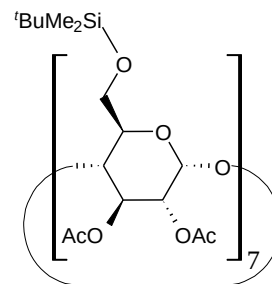
Heptakis-(2,3-di-O-acetyl-6-O-*tert*-butyldimethylsilyl)- β -Cyclodextrin $\geq 98\%$

Cat. No : CDexB-042 CAS : 123172-94-1

Formula : $C_{112}H_{196}O_{49}Si_7$ MW : 2523.32

Ac = acetyl

tBuMe_2Si = *tert*-butyldimethylsilyl

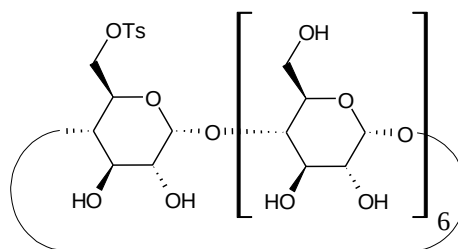


6-Monotosyl- β -Cyclodextrin $\geq 98\%$

Cat. No : CDexB-050 CAS : 67217-55-4

Formula : $C_{49}H_{76}O_{37}S$ MW : 1289.17

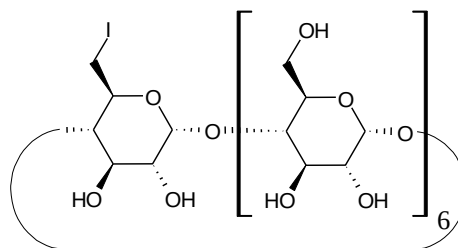
Ts = tosyl = *p*-toluenesulfonyl



6-Monodeoxy-6-monoiodo- β -Cyclodextrin $\geq 97\%$

Cat. No : CDexB-052 CAS : 29390-66-7

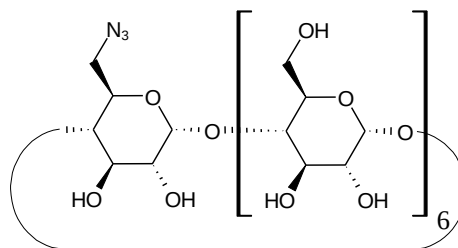
Formula : $C_{42}H_{69}IO_{34}$ MW : 1244.88



6-Monoazido-6-monodeoxy- β -Cyclodextrin $\geq 98\%$

Cat. No : CDexB-067 CAS : 98169-85-8

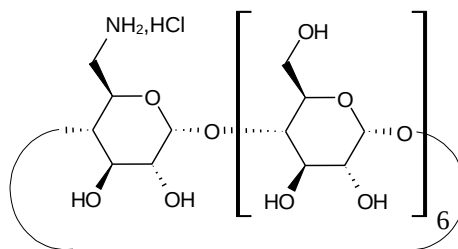
Formula : $C_{42}H_{69}N_3O_{34}$ MW : 1160



6-Monoamino-6-monodeoxy- β -Cyclodextrin hydrochloride $\geq 98\%$

Cat. No : CDexB-053 CAS : 29390-67-8

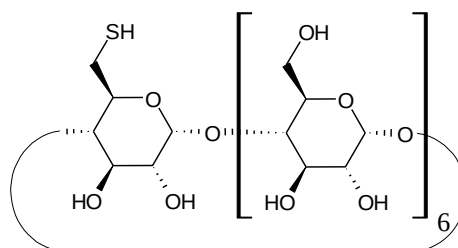
Formula : $C_{42}H_{71}NO_{34}.HCl$ MW : 1170.46



6-Monodeoxy-6-monothio- β -Cyclodextrin $\geq 97\%$
6-Monodeoxy-6-monomercapto- β -Cyclodextrin

Cat. No : CDexB-085 CAS : 81644-55-5

Formula : $C_{42}H_{70}O_{34}S$ MW : 1151.05



β -Cyclodextrin & derivatives

6-Monoamino-6-monodeoxy-per-methyl- β -Cyclodextrin
hydrochloride $\geq 98\%$

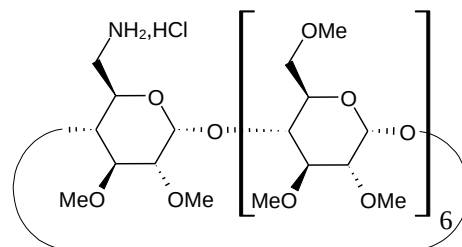
Cat. No : CDexB-082

CAS : - - - - -

Formula : $C_{62}H_{111}NO_{34}.HCl$

MW : 1450.99

Me = methyl



Mono-(2,3-di-O-benzyl)-hexakis-(2,3,6-tri-O-benzyl)-
 β -Cyclodextrin $\geq 98\%$

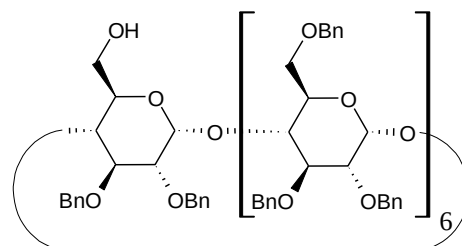
Cat. No : CDexB-054

CAS : - - - - -

Formula : $C_{182}H_{190}O_{35}$

MW : 2937.44

Bn = benzyl



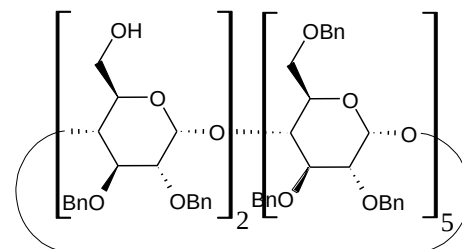
A,D-Di-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- β -
Cyclodextrin $\geq 98\%$

Cat. No : CDexB-060

CAS : - - - - -

Formula : $C_{175}H_{184}O_{35}$

MW : 2847.31



γ -Cyclodextrin & derivatives

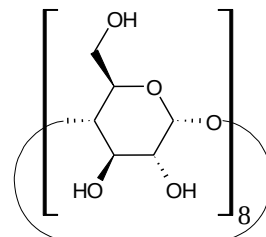
γ -Cyclodextrin, *Bio-Reagent* $\geq 99\%$ (HPLC)

Cat. No : CDexG-000/BR

CAS : 17465-86-0

Formula : $C_{48}H_{80}O_{40}$

MW : 1297.12



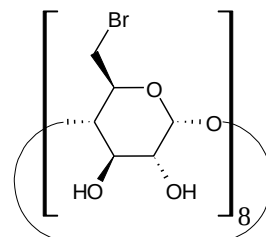
Octakis-(6-bromo-6-deoxy)- γ -Cyclodextrin $\geq 97\%$

Cat. No : CDexG-015

CAS : 53784-84-2

Formula : $C_{48}H_{72}Br_8O_{32}$

MW : 1800.30



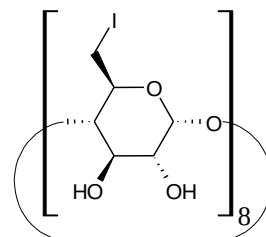
Octakis-(6-deoxy-6-iodo)- γ -cyclodextrin $\geq 97\%$

Cat. No : CDexG-016

CAS : 168296-33-1

Formula : $C_{48}H_{72}I_8O_{32}$

MW : 2176.30



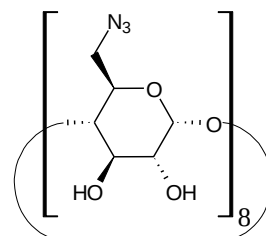
Octakis-(6-azido-6-deoxy)- γ -Cyclodextrin $\geq 97\%$

Cat. No : CDexG-011

CAS : - - - - -

Formula : $C_{48}H_{72}N_{24}O_{32}$

MW : 1497.23



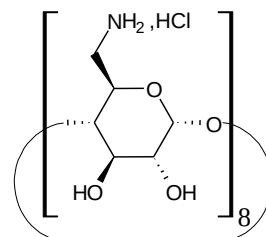
Octakis-(6-amino-6-deoxy)- γ -Cyclodextrin
octahydrochloride $\geq 97\%$

Cat. No : CDexG-013

CAS : 156297-62-0

Formula : $C_{48}H_{88}N_8O_{32} \cdot 8HCl$

MW : 1580.93



Octakis-(2,3-di-O-methyl-6-amino-6-deoxy)- γ -Cyclodextrin
octahydrochloride $\geq 98\%$

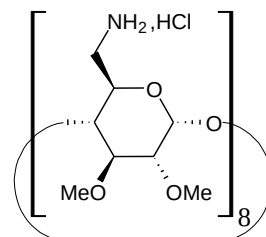
Cat. No : CDexG-021

CAS : - - - - -

Formula : $C_{64}H_{120}N_8O_{32} \cdot 8HCl$

MW : 1805.36

Me = methyl



γ -Cyclodextrin & derivatives

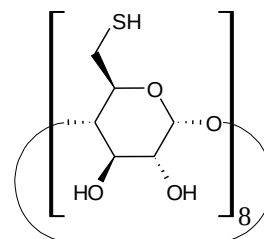
Octakis-(6-deoxy-6-mercapto)- γ -Cyclodextrin $\geq 97\%$
Octakis-(6-deoxy-6-thio)- γ -Cyclodextrin

Cat. No : CDexG-014

CAS : 180839-61-6

Formula : $C_{48}H_{80}O_{32}S_8$

MW : 1425.65



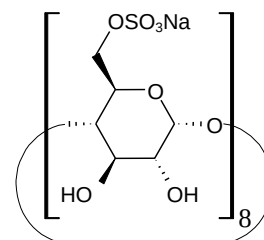
Octakis-(6-O-sulfo)- γ -Cyclodextrin
octasodium salt $\geq 97\%$

Cat. No : CDexG-063

CAS : - - - - -

Formula : $C_{48}H_{72}O_{64}S_8 \cdot 8Na$

MW : 2113.48



Octakis-(2,3-di-O-methyl-6-O-sulfo)- γ -Cyclodextrin
octasodium salt $\geq 97\%$

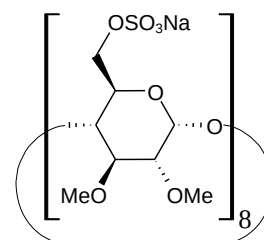
Cat. No : CDexG-064

CAS : - - - - -

Formula : $C_{64}H_{104}O_{64}S_8 \cdot 8Na$

MW : 2337.91

Me = methyl



Octakis-(2,3-di-O-acetyl-6-O-sulfo)- γ -Cyclodextrin
octasodium salt $\geq 97\%$

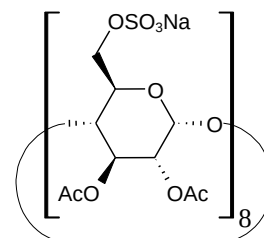
Cat. No : CDexG-065

CAS : - - - - -

Formula : $C_{80}H_{104}O_{80}S_8 \cdot 8Na$

MW : 2786.07

Ac = acetyl



Octakis-(6-O-methyl)- γ -Cyclodextrin $\geq 98\%$

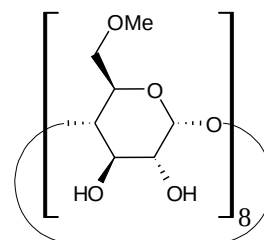
Cat. No : CDexG-006

CAS : - - - - -

Formula : $C_{56}H_{96}O_{40}$

MW : 1409.34

Me = methyl



Octakis-(2,6-di-O-methyl)- γ -Cyclodextrin $\geq 98\%$

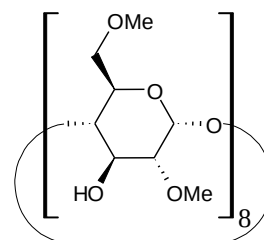
Cat. No : CDexG-025

CAS : - - - - -

Formula : $C_{64}H_{112}O_{40}$

MW : 1521.55

Me = methyl



γ -Cyclodextrin & derivatives

Octakis-(2,6-di-O-*n*-pentyl)- γ -Cyclodextrin $\geq 98\%$

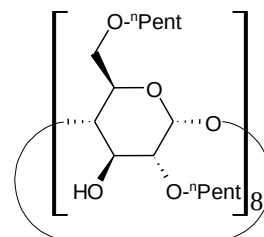
Cat. No : CDexG-028

CAS : -----

Formula : $C_{128}H_{240}O_{40}$

MW : 2419.25

ⁿPent = pentyl



Octakis-(2,3-di-O-methyl)- γ -Cyclodextrin $\geq 98\%$

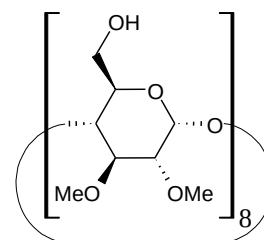
Cat. No : CDexG-017

CAS : -----

Formula : $C_{64}H_{112}O_{40}$

MW : 1521.55

Me = methyl



Octakis-(2,3-di-O-benzyl)- γ -Cyclodextrin $\geq 98\%$

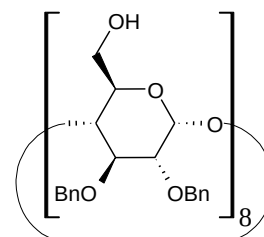
Cat. No : CDexG-019

CAS : -----

Formula : $C_{160}H_{176}O_{40}$

MW : 2739.08

Bn = benzyl



Octakis-(2,3-di-O-acetyl)- γ -Cyclodextrin $\geq 98\%$

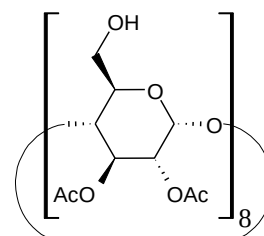
Cat. No : CDexG-020

CAS : -----

Formula : $C_{80}H_{112}O_{56}$

MW : 1969.71

Ac = acetyl



Octakis-(6-O-*tert*-butyldimethylsilyl)- γ -Cyclodextrin $\geq 98\%$

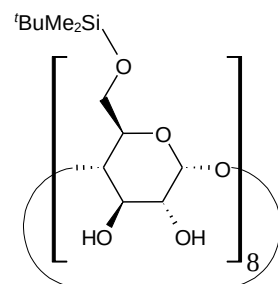
Cat. No : CDexG-009

CAS : -----

Formula : $C_{96}H_{192}O_{40}Si_8$

MW : 2211.21

^tBuMe₂Si = *tert*-butyldimethylsilyl



Octakis-(2,3-di-O-methyl-6-O-*tert*-butyldimethylsilyl)- γ -Cyclodextrin $\geq 98\%$

Cat. No : CDexG-039

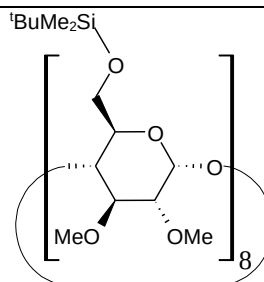
CAS : -----

Formula : $C_{112}H_{224}O_{40}Si_8$

MW : 2435.64

Me = methyl

^tBuMe₂Si = *tert*-butyldimethylsilyl



γ -Cyclodextrin & derivatives

Octakis-(2,3-di-O-benzyl-6-O-tert-butyldimethylsilyl)-
 γ -Cyclodextrin $\geq 98\%$

Cat. No : CDexG-041

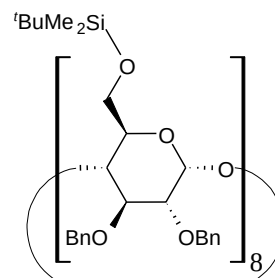
CAS : - - - - -

Formula : $C_{208}H_{288}O_{40}Si_8$

MW : 3653.17

Bn = benzyl

^tBuMe₂Si = tert-butyldimethylsilyl



Octakis-(2,3-di-O-acetyl-6-O-tert-butyldimethylsilyl)-
 γ -Cyclodextrin $\geq 98\%$

Cat. No : CDexG-042

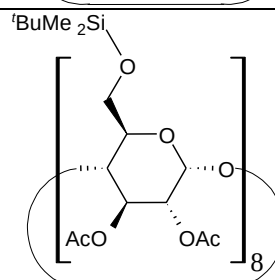
CAS : - - - - -

Formula : $C_{128}H_{224}O_{56}Si_8$

MW : 2883.80

Ac = acetyl

^tBuMe₂Si = tert-butyldimethylsilyl



Octakis-(2,3,6-tri-O-methyl)- γ -Cyclodextrin $\geq 98\%$

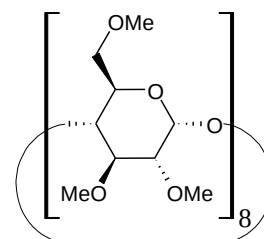
Cat. No : CDexG-032

CAS : - - - - -

Formula : $C_{72}H_{128}O_{40}$

MW : 1633.76

Me = methyl



Octakis-(2,3,6-tri-O-benzyl)- γ -Cyclodextrin $\geq 98\%$

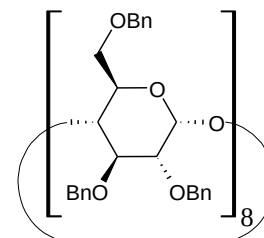
Cat. No : CDexG-035

CAS : - - - - -

Formula : $C_{216}H_{224}O_{40}$

MW : 3460.06

Bn = benzyl



Octakis-(2,3,6-tri-O-acetyl)- γ -Cyclodextrin $\geq 98\%$

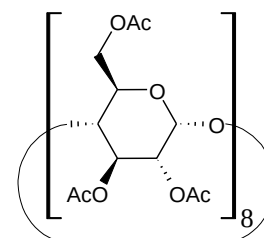
Cat. No : CDexG-036

CAS : 30786-38-0

Formula : $C_{96}H_{128}O_{64}$

MW : 2306

Ac = acetyl



Octakis-(2,3,6-tri-O-benzoyl)- γ -Cyclodextrin $\geq 98\%$

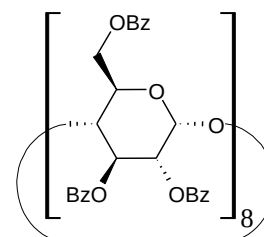
Cat. No : CDexG-038

CAS : - - - - -

Formula : $C_{216}H_{176}O_{64}$

MW : 3795.67

Bz = benzoyl



γ -Cyclodextrin & derivatives

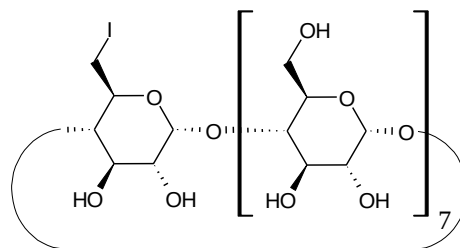
6-Monodeoxy-6-monoiodo- γ -Cyclodextrin $\geq 97\%$

Cat. No : CDexG-052

CAS : -----

Formula : $C_{48}H_{79}IO_{39}$

MW : 1407.02



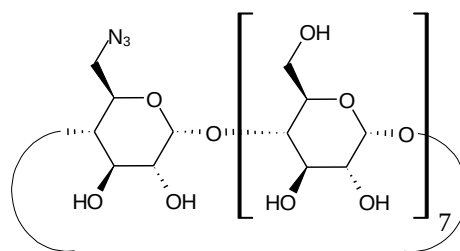
6-Monoazido-6-monodeoxy- γ -Cyclodextrin $\geq 97\%$

Cat. No : CDexG-067

CAS : -----

Formula : $C_{48}H_{79}N_3O_{39}$

MW : 1322.14



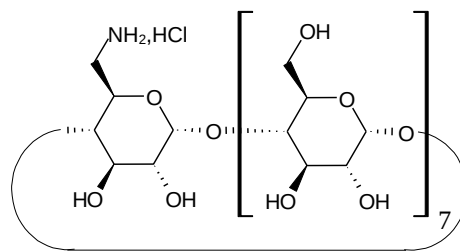
6-Monoamino-6-monodeoxy- γ -Cyclodextrin
hydrochloride $\geq 97\%$

Cat. No : CDexG-053

CAS : -----

Formula : $C_{48}H_{81}NO_{39}.HCl$

MW : 1332.60



Mono-(2,3-di-O-benzyl)-heptakis-(2,3,6-tri-O-benzyl)- γ -Cyclodextrin $\geq 98\%$

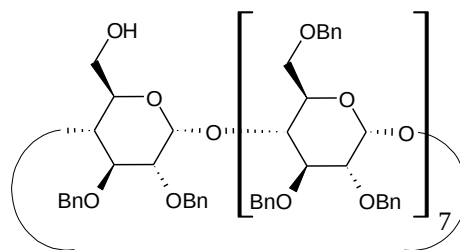
Cat. No : CDexG-054

CAS : -----

Formula : $C_{209}H_{218}O_{40}$

MW : 3369.94

Bn = benzyl



Section-II

This sections deals with **Randomly Substituted Cyclodextrins** with only well-defined degree of substitution.

α -Cyclodextrin derivatives

Carboxymethyl- α -Cyclodextrin sodium salt

CMACD; DS~3-5

Cat. No : CDexA-070

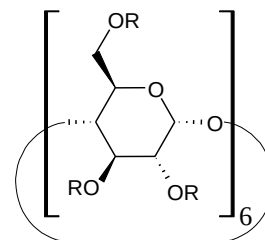
CAS : -----

Formula : $C_{36}H_{60-n}O_{30} \cdot (CH_2COONa)_n$

MW : $972.84 + n(80.02)$

$R = -H$ or $-CH_2COONa$

$n \sim 3-5$



Succinyl- α -Cyclodextrin

SuACD; DS~3-5

Cat. No : CDexA-071

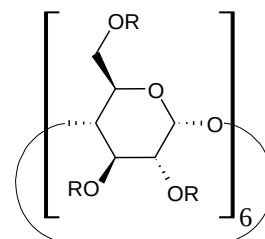
CAS : -----

Formula : $C_{36}H_{60-n}O_{30} \cdot (C_4H_5O_3)_n$

MW : $972.84 + n(100.07)$

$R = H$ or $-CO-CH_2-CH_2-COOH$

$n \sim 3-5$



α -Cyclodextrin sulfate sodium salt

SACD; DS~10-12

Cat. No : CDexA-073

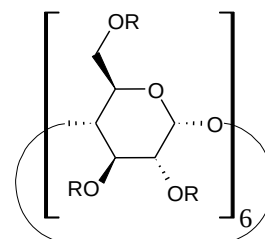
CAS : 699020-02-5

Formula : $C_{36}H_{60-n}O_{30} \cdot (SO_3Na)_n$

MW : $972.84 + n(102.04)$

$R = H$ or $-SO_3Na$

$n \sim 10-12$



Methyl- α -Cyclodextrin, Bio-Reagent

RAMEACD; DS~10-12

Cat. No : CDexA-076

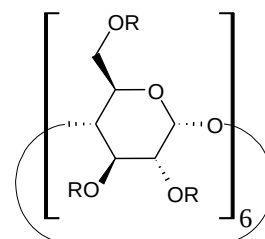
CAS : -----

Formula : $C_{36}H_{60-n}O_{30} \cdot (CH_3)_n$

MW : $972.84 + n(14.03)$

$R = H$ or $-CH_3$

$n \sim 10-12$



n-Butyl- α -Cyclodextrin

RANBACD; DS~3-5

Cat. No : CDexA-079

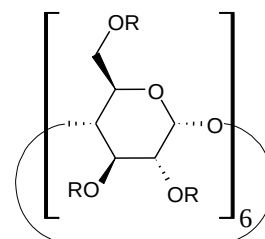
CAS : -----

Formula : $C_{36}H_{60-n}O_{30} \cdot (C_4H_9)_n$

MW : $972.84 + n(56.11)$

$R = H$ or $-CH_2-CH_2-CH_2-CH_3$

$n \sim 3-5$



(2-Hydroxypropyl)- α -Cyclodextrin, Bio-Reagent

HPACD; DS~3.5-5.5

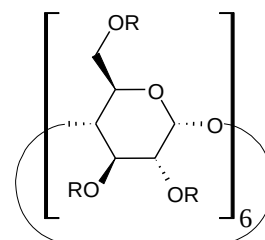
Cat. No : CDexA-075

CAS : 128446-33-3

Formula : $C_{36}H_{60-n}O_{30} \cdot (C_3H_7O)_n$

Average MW : ~1180

$R = H$ or $-CH_2-CHOH-CH_3$



β-Cyclodextrin derivatives

Carboxymethyl-β-Cyclodextrin sodium salt

CMBCD; DS~3-5

Cat. No : CDexB-070

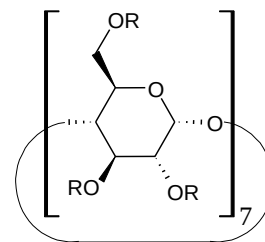
CAS : 218269-34-2

Formula : $C_{42}H_{70-n}O_{35} \cdot (CH_2COONa)_n$

MW : $1134.98 + n(80.02)$

$R = -H \text{ or } -CH_2-COONa$

$n \sim 3-5$



Succinyl-β-Cyclodextrin

SuBCD; DS~3-5

Cat. No : CDexB-071

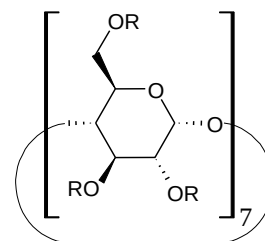
CAS : 957494-34-7

Formula : $C_{42}H_{70-n}O_{35} \cdot (C_4H_5O_3)_n$

MW : $1134.98 + n(100.07)$

$R = H \text{ or } -CO-CH_2-CH_2-COOH$

$n \sim 3-5$



β-Cyclodextrin sulfate sodium salt

SBCD; DS~12-14

Cat. No : CDexB-073

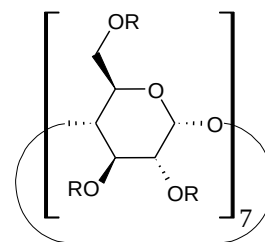
CAS : 37191-69-8

Formula : $C_{42}H_{70-n}O_{35} \cdot (SO_3Na)_n$

MW : $1134.98 + n(102.04)$

$R = H \text{ or } -SO_3Na$

$n \sim 12-14$



Sulfobutyl-β-Cyclodextrin sodium salt, Bio-Reagent

SBEB CD; DS~6-7

Cat. No : CDexB-080

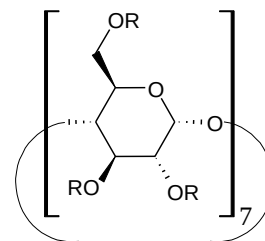
CAS : 182410-00-0

Formula : $C_{42}H_{70-n}O_{35} \cdot (C_4H_8SO_3Na)_n$

MW : $1134.98 + n(158.15)$

$R = H \text{ or } -CH_2-CH_2-CH_2-CH_2-SO_3Na$

$n \sim 6-7$



Di-methyl-β-Cyclodextrin

DIMEBCD; ≥75%

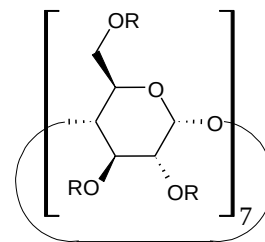
Cat. No : CDexB-077

CAS : 128446-36-6

Formula : $C_{42}H_{70-n}O_{35} \cdot (CH_3)_n$

MW : $1134.98 + n(14.03)$

$R = H \text{ or } -CH_3$



Methyl-β-Cyclodextrin, Bio-Reagent

RAMEBCD; DS~11.5-13.5

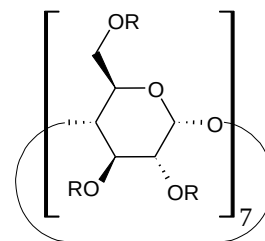
Cat. No : CDexB-076/BR

CAS : 128446-36-6

Formula : $C_{42}H_{70-n}O_{35} \cdot (CH_3)_n$

Average MW : ~1311

$R = H \text{ or } -CH_3$



β -Cyclodextrin derivatives

n-Butyl- β -Cyclodextrin

RANBBCD; DS~3-5

Cat. No : CDexB-079

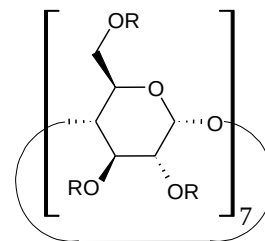
Formula : $C_{42}H_{70-n}O_{35} \cdot (C_4H_9)_n$

$R = H$ or $-CH_2-CH_2-CH_2-CH_3$

CAS : -----

MW : $1134.98 + n(56.11)$

$n \sim 3-5$



(2-Hydroxypropyl)- β -Cyclodextrin, *Bio-Reagent*

HPBCD; DS~3.5-5.5

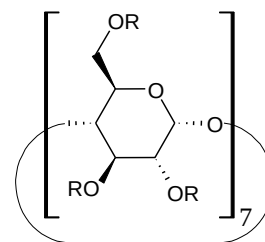
Cat. No : CDexB-075/BR

Formula : $C_{42}H_{70-n}O_{35} \cdot (C_3H_7O)_n$

$R = H$ or $-CH_2-CHOH-CH_3$

CAS : 128446-35-5

Average MW : ~1380



γ -Cyclodextrin derivatives

Carboxymethyl- γ -Cyclodextrin sodium salt

CMGCD; DS~3-5

Cat. No : CDexG-070

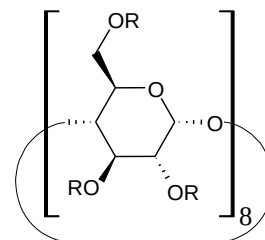
CAS : -----

Formula : $C_{48}H_{80-n}O_{40} \cdot (CH_2COONa)_n$

MW : $1297.12 + n(80.02)$

$R = -H$ or $-CH_2-COONa$

$n \sim 3-5$



Succinyl- γ -Cyclodextrin

SuGCD; DS~3-5

Cat. No : CDexG-071

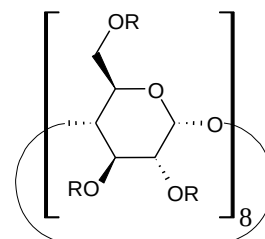
CAS : -----

Formula : $C_{48}H_{80-n}O_{40} \cdot (C_4H_5O_3)_n$

MW : $1297.12 + n(100.07)$

$R = H$ or $-CO-CH_2-CH_2-COOH$

$n \sim 3-5$



γ -Cyclodextrin sulfate sodium salt

SGCD; DS~13-16

Cat. No : CDexG-073

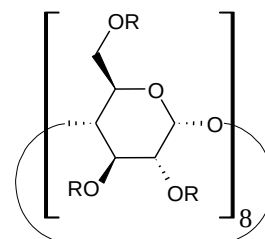
CAS : -----

Formula : $C_{48}H_{80-n}O_{40} \cdot (SO_3Na)_n$

MW : $1297.12 + n(102.04)$

$R = H$ or $-SO_3Na$

$n \sim 13-15$



Methyl- γ -Cyclodextrin, Bio-Reagent

RAMEGCD; DS~13-16

Cat. No : CDexG-076

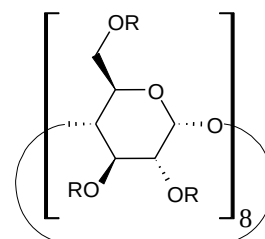
CAS : -----

Formula : $C_{48}H_{80-n}O_{40} \cdot (CH_3)_n$

MW : $1297.12 + n(14.03)$

$R = H$ or $-CH_3$

$n \sim 13-16$



n-Butyl- γ -Cyclodextrin

RANBGCD; DS~3-5

Cat. No : CDexG-079

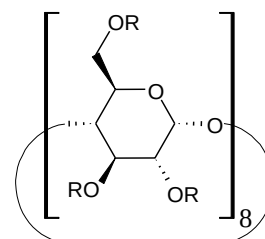
CAS : -----

Formula : $C_{48}H_{80-n}O_{40} \cdot (C_4H_9)_n$

MW : $1297.12 + n(56.11)$

$R = H$ or $-CH_2-CH_2-CH_2-CH_3$

$n \sim 3-5$



(2-Hydroxypropyl)- γ -Cyclodextrin, Bio-Reagent

HPGCD; DS~3-6

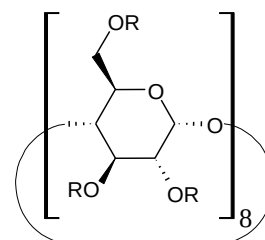
Cat. No : CDexG-075

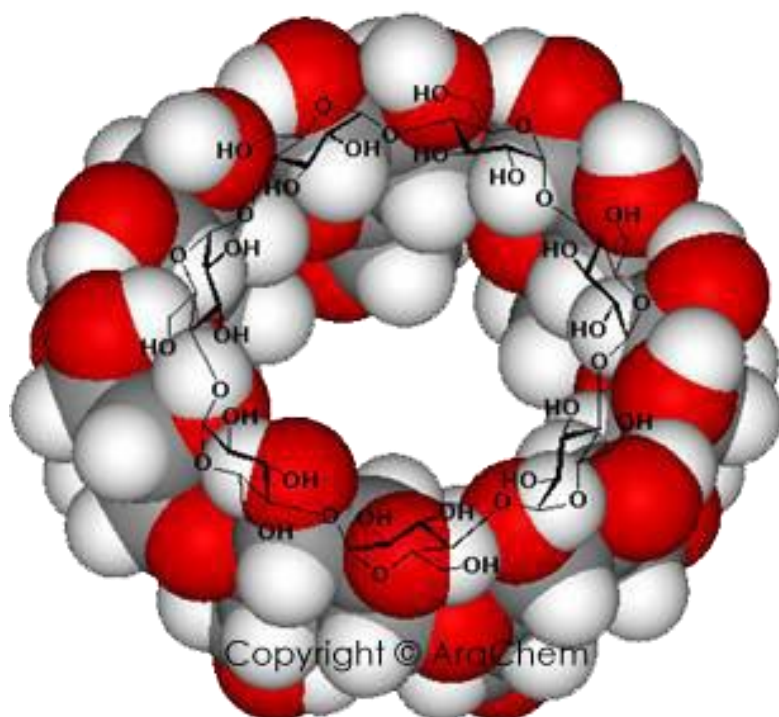
CAS : 128446-34-4

Formula : $C_{48}H_{80-n}O_{40} \cdot (C_3H_7O)_n$

Average MW : ~1580

$R = H$ or $-CH_2-CHOH-CH_3$





Please direct your inquiries to

AraChem

Cyclodextrin-Shop

Kraaivenstraat 36-16, 5048, AB TILBURG , the Netherlands

Phone : +31 137505805, Fax : +31 407115603

E-mail : request@cyclodextrin-shop.com