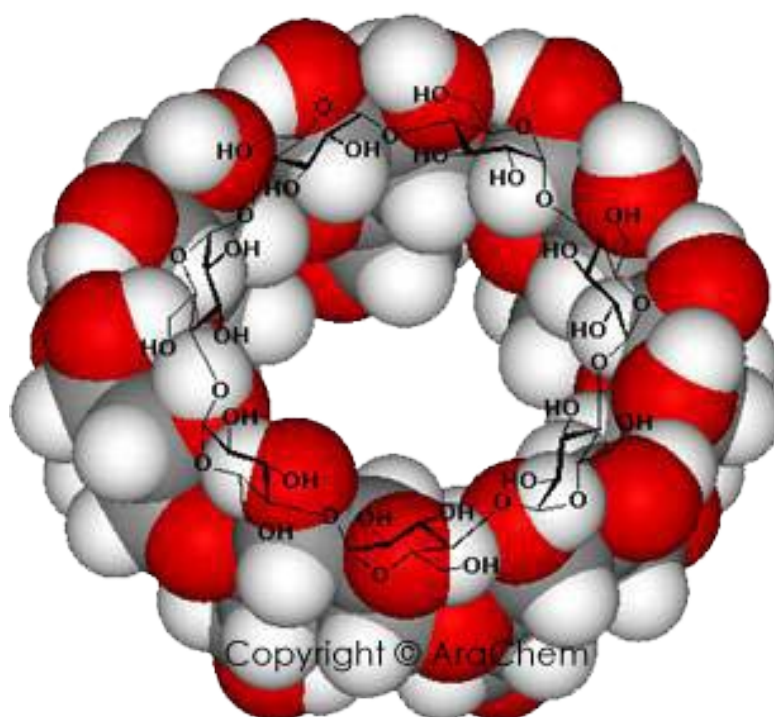


*AraChem*  
**Cyclodextrin-Shop**



**$\beta$ -Cyclodextrin**

***Cyclodextrins & derivatives***  
***(Catalogue 2021)***

## Catalogue

**Valid from 01.01.2021**

For easy use, we listed in this catalogue the most used cyclodextrin derivatives that we divided in two main sections.

If you do not find the desired item listed in this catalogue, please contact us at [request@cyclodextrin-shop.com](mailto:request@cyclodextrin-shop.com) to discuss your specific needs.

**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.

# *Cyclodextrin-Shop.com*

*Cyclodextrins & derivatives*

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## **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](mailto: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 will be applied to payment via PayPal.

Our General Sales Terms & Conditions are available from our website. Please click on the link [Terms & Conditions](#) to view them.

For any additional information please feel free to contact us at [info@cyclodextrin-shop.com](mailto:info@cyclodextrin-shop.com).

# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## Section-I:

<u>Catalogue No.</u>	<u>Compound name</u>	<u>Page</u>
CDexA-000	$\alpha$ -Cyclodextrin Bio-Reagent	1
CDexA-011	Hexakis-(6-azido-6-deoxy)- $\alpha$ -Cyclodextrin	1
CDexA-013	Hexakis-(6-amino-6-deoxy)- $\alpha$ -Cyclodextrin hexahydrochloride	1
CDexA-021	Hexakis-(2,3-di-O-methyl-6-amino-6-deoxy)- $\alpha$ -Cyclodextrin hexahydrochloride	1
CDexA-014	Hexakis-(6-deoxy-6-mercapto)- $\alpha$ -Cyclodextrin	1
CDexA-015	Hexakis-(6-bromo-6-deoxy)- $\alpha$ -Cyclodextrin	1
CDexA-016	Hexakis-(6-deoxy-6-iodo)- $\alpha$ -Cyclodextrin	2
CDexA-009	Hexakis-(6-O- <i>tert</i> -butyldimethylsilyl)- $\alpha$ -Cyclodextrin	2
CDexA-039	Hexakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\alpha$ -Cyclodextrin	2
CDexA-041	Hexakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\alpha$ -Cyclodextrin	2
CDexA-042	Hexakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\alpha$ -Cyclodextrin	2
CDexA-032	Hexakis-(2,3,6-tri-O-methyl)- $\alpha$ -Cyclodextrin	3
CDexA-035	Hexakis-(2,3,6-tri-O-benzyl)- $\alpha$ -Cyclodextrin	3
CDexA-036	Hexakis-(2,3,6-tri-O-acetyl)- $\alpha$ -Cyclodextrin	3
CDexA-038	Hexakis-(2,3,6-tri-O-benzoyl)- $\alpha$ -Cyclodextrin	3
CDexA-017	Hexakis-(2,3-di-O-methyl)- $\alpha$ -Cyclodextrin	3
CDexA-019	Hexakis-(2,3-di-O-benzyl)- $\alpha$ -Cyclodextrin	3
CDexA-020	Hexakis-(2,3-di-O-acetyl)- $\alpha$ -Cyclodextrin	4
CDexA-063	Hexakis-(6-O-sulfo)- $\alpha$ -Cyclodextrin sodium salt	4
CDexA-064	Hexakis-(2,3-di-O-methyl-6-O-sulfo)- $\alpha$ -Cyclodextrin sodium salt	4
CDexA-065	Hexakis-(2,3-di-O-acetyl-6-O-sulfo)- $\alpha$ -Cyclodextrin sodium salt	4
CDexA-054	Mono-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- $\alpha$ -Cyclodextrin	4
CDexA-060	<i>A,D</i> -Di-(2,3-di-O-benzyl)-tetrakis-(2,3,6-tri-O-benzyl)- $\alpha$ -Cyclodextrin	5
<hr/>		
CDexB-000	$\beta$ -Cyclodextrin Bio-Reagent	6
CDexB-011	Heptakis-(6-azido-6-deoxy)- $\beta$ -Cyclodextrin	6
CDexB-013	Heptakis-(6-amino-6-deoxy)- $\beta$ -Cyclodextrin heptahydrochloride	6
CDexB-021	Heptakis-(2,3-di-O-methyl-6-amino-6-deoxy)- $\beta$ -cyclodextrin heptahydrochloride	6
CDexB-014	Heptakis-(6-deoxy-6-mercapto)- $\beta$ -cyclodextrin	6
CDexB-015	Heptakis-(6-bromo-6-deoxy)- $\beta$ -Cyclodextrin	6
CDexB-016	Heptakis-(6-deoxy-6-iodo)- $\beta$ -Cyclodextrin	7
CDexB-009	Heptakis-(6-O- <i>tert</i> -butyldimethylsilyl)- $\beta$ -Cyclodextrin	7
CDexB-039	Heptakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\beta$ -cyclodextrin	7
CDexB-041	Heptakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\beta$ -cyclodextrin	7
CDexB-042	Heptakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\beta$ -cyclodextrin	7
CDexB-032	Heptakis-(2,3,6-tri-O-methyl)- $\beta$ -Cyclodextrin	8
CDexB-035	Heptakis-(2,3,6-tri-O-benzyl)- $\beta$ -Cyclodextrin	8
CDexB-036	Heptakis-(2,3,6-tri-O-acetyl)- $\beta$ -Cyclodextrin	8
CDexB-038	Heptakis-(2,3,6-tri-O-benzoyl)- $\beta$ -Cyclodextrin	8
CDexB-017	Heptakis-(2,3-di-O-methyl)- $\beta$ -Cyclodextrin	8
CDexB-019	Heptakis-(2,3-di-O-benzyl)- $\beta$ -Cyclodextrin	8
CDexB-020	Heptakis-(2,3-di-O-acetyl)- $\beta$ -Cyclodextrin	9
CDexB-063	Heptakis-(6-O-sulfo)- $\beta$ -Cyclodextrin sodium salt	9
CDexB-064	Heptakis-(2,3-di-O-methyl-6-O-sulfo)- $\beta$ -Cyclodextrin sodium salt	9
CDexB-065	Heptakis-(2,3-di-O-acetyl-6-O-sulfo)- $\beta$ -Cyclodextrin sodium salt	9

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## Cyclodextrins & derivatives

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CDexB-050	6-Monotosyl- $\beta$ -Cyclodextrin	9
CDexB-052	6-Monodeoxy-6-iodo- $\beta$ -Cyclodextrin	10
CDexB-067	6-Monoazido-6-monodeoxy- $\beta$ -Cyclodextrin	10
CDexB-053	6-Monoamino-6-monodeoxy- $\beta$ -Cyclodextrin hydrochloride	10
CDexB-082	6-Monoamino-6-monodeoxy-per-methyl- $\beta$ -Cyclodextrin hydrochloride	10
CDexB-085	6-Monodeoxy-6-monothio- $\beta$ -Cyclodextrin	10
CDexB-054	Mono-(2,3-di-O-benzyl)-hexakis-(2,3,6-tri-O-benzyl)- $\beta$ -Cyclodextrin	11
CDexB-060	<i>A,D</i> -Di-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- $\beta$ -Cyclodextrin	11

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CDexG-000	$\gamma$ -Cyclodextrin Bio-Reagent	12
CDexG-011	Octakis-(6-azido-6-deoxy)- $\gamma$ -Cyclodextrin	12
CDexG-013	Octakis-(6-amino-6-deoxy)- $\gamma$ -Cyclodextrin octahydrochloride	12
CDexG-021	Octakis-(2,3-di-O-methyl-6-amino-6-deoxy)- $\gamma$ -Cyclodextrin octahydrochloride	12
CDexG-014	Octakis-(6-deoxy-6-mercapto)- $\gamma$ -Cyclodextrin	12
CDexG-015	Octakis-(6-bromo-6-deoxy)- $\gamma$ -Cyclodextrin	12
CDexG-016	Octakis-(6-deoxy-6-iodo)- $\gamma$ -Cyclodextrin	13
CDexG-009	Octakis-(6-O- <i>tert</i> -butyldimethylsilyl)- $\gamma$ -Cyclodextrin	13
CDexG-039	Octakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\gamma$ -Cyclodextrin	13
CDexG-041	Octakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\gamma$ -Cyclodextrin	13
CDexG-042	Octakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\gamma$ -cyclodextrin	13
CDexG-032	Octakis-(2,3,6-tri-O-methyl)- $\gamma$ -Cyclodextrin	14
CDexG-035	Octakis-(2,3,6-tri-O-benzyl)- $\gamma$ -Cyclodextrin	14
CDexG-036	Octakis-(2,3,6-tri-O-acetyl)- $\gamma$ -Cyclodextrin	14
CDexG-038	Octakis-(2,3,6-tri-O-benzoyl)- $\gamma$ -Cyclodextrin	14
CDexG-017	Octakis-(2,3-di-O-methyl)- $\gamma$ -Cyclodextrin	14
CDexG-019	Octakis-(2,3-di-O-benzyl)- $\gamma$ -Cyclodextrin	14
CDexG-020	Octakis-(2,3-di-O-acetyl)- $\gamma$ -Cyclodextrin	15
CDexG-063	Octakis-(6-O-sulfo)- $\gamma$ -Cyclodextrin sodium salt	15
CDexG-064	Octakis-(2,3-di-O-methyl-6-O-sulfo)- $\gamma$ -Cyclodextrin sodium salt	15
CDexG-065	Octakis-(2,3-di-O-acetyl-6-O-sulfo)- $\gamma$ -Cyclodextrin sodium salt	15
CDexG-054	Mono-(2,3-di-O-benzyl)-heptakis-(2,3,6-tri-O-benzyl)- $\gamma$ -Cyclodextrin	15

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*Cyclodextrins & derivatives*

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## **Section-II:**

<b>Catalogue No.</b>	<b>Compound name</b>	<b>Page</b>
CDexA-070	Carboxymethyl- $\alpha$ -Cyclodextrin sodium salt	16
CDexA-071	Succinyl- $\alpha$ -Cyclodextrin	16
CDexA-073	$\alpha$ -Cyclodextrin sulfate sodium salt	16
CDexA-076	Methyl- $\alpha$ -Cyclodextrin Bio-Reagent	16
CDexA-075	(2-Hydroxypropyl)- $\alpha$ -Cyclodextrin	16
<hr/>		
CDexB-070	Carboxymethyl- $\beta$ -Cyclodextrin sodium salt	17
CDexB-071	Succinyl- $\beta$ -Cyclodextrin	17
CDexB-073	$\beta$ -Cyclodextrin sulfate sodium salt	17
CDexB-080	Sulfobutyl- $\beta$ -Cyclodextrin sodium salt Bio-Reagent	17
CDexB-077	Di-methyl- $\beta$ -cyclodextrin	17
CDexB-076	Methyl- $\beta$ -Cyclodextrin Bio-Reagent	17
CDexB-075	(2-Hydroxypropyl)- $\beta$ -Cyclodextrin Bio-Reagent	18
<hr/>		
CDexG-070	Carboxymethyl- $\gamma$ -Cyclodextrin sodium salt	19
CDexG-071	Succinyl- $\gamma$ -Cyclodextrin	19
CDexG-073	$\gamma$ -Cyclodextrin sulfate sodium salt	19
CDexG-076	Methyl- $\gamma$ -Cyclodextrin Bio-Reagent	19
CDexG-075	(2-Hydroxypropyl)- $\gamma$ -Cyclodextrin	19

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## Section-I

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

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Cyclodextrins & derivatives

## **$\alpha$ -Cyclodextrin & derivatives**

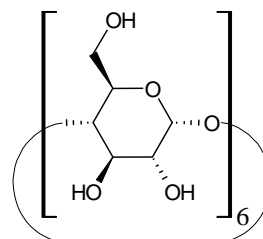
$\alpha$ -Cyclodextrin, *Bio-Reagent*  $\geq 98\%$

Cat. No : CDexA-000/BR

CAS : 10016-20-3

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

MW : 972.84



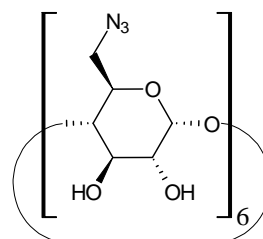
Hexakis-(6-azido-6-deoxy)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-011

CAS : -----

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

MW : 1122.92



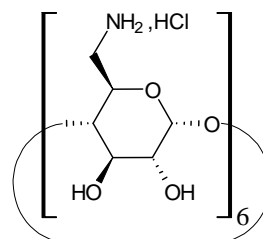
Hexakis-(6-amino-6-deoxy)- $\alpha$ -Cyclodextrin  
hexahydrochloride  $\geq 97\%$

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)- $\alpha$ -Cyclodextrin  
hexahydrochloride  $\geq 97\%$

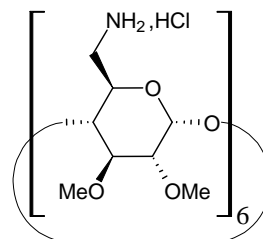
Cat. No : CDexA-021

CAS : -----

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

MW : 1354.02

*Me = methyl*



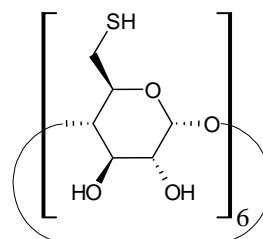
Hexakis-(6-deoxy-6-mercapto)- $\alpha$ -Cyclodextrin  $\geq 97\%$   
Hexakis-(6-deoxy-6-thio)- $\alpha$ -Cyclodextrin

Cat. No : CDexA-014

CAS : 180839-60-5

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

MW : 1069.23



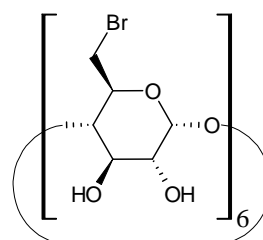
Hexakis-(6-bromo-6-deoxy)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-015

CAS : 53784-82-0

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

MW : 1350.22





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Cyclodextrins & derivatives

## $\alpha$ -Cyclodextrin & derivatives

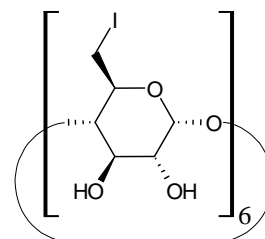
Hexakis-(6-deoxy-6-iodo)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-016

CAS : 131105-41-4

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

MW : 1632.22



Hexakis-(6-O-*tert*-butyldimethylsilyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

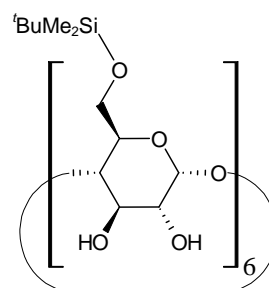
Cat. No : CDexA-009

CAS : 118646-79-0

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

MW : 1658.41

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Hexakis-(2,3-di-O-methyl-6-O-*tert*-butyldimethylsilyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-039

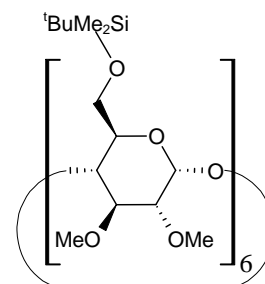
CAS : - - - - -

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

MW : 1826.73

Me = methyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Hexakis-(2,3-di-O-benzyl-6-O-*tert*-butyldimethylsilyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-041

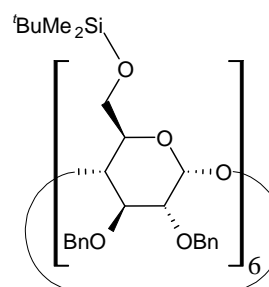
CAS : - - - - -

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

MW : 2739.88

Bn = benzyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Hexakis-(2,3-di-O-acetyl-6-O-*tert*-butyldimethylsilyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-042

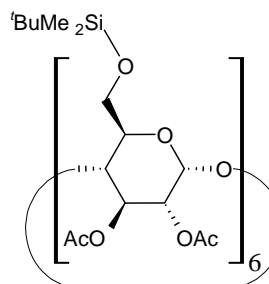
CAS : 118663-74-4

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

MW : 2162.85

Ac = acetyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



### $\alpha$ -Cyclodextrin & derivatives

Hexakis-(2,3,6-tri-O-methyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

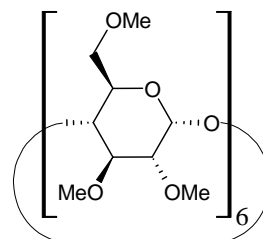
Cat. No : CDexA-032

CAS : 68715-56-0

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

MW : 1225.32

Me = methyl



Hexakis-(2,3,6-tri-O-benzyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

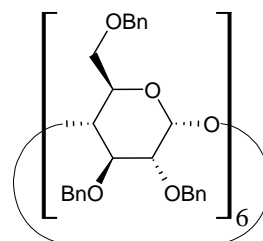
Cat. No : CDexA-035

CAS : -----

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

MW : 2595.05

Bn = benzyl



Hexakis-(2,3,6-tri-O-acetyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

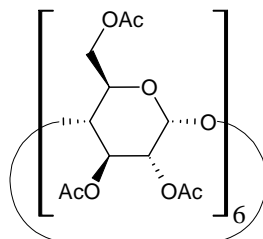
Cat. No : CDexA-036

CAS : 23661-37-2

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

MW : 1729.50

Ac = acetyl



Hexakis-(2,3,6-tri-O-benzoyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

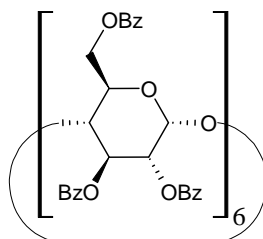
Cat. No : CDexA-038

CAS : -----

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

MW : 2846.75

Bz = benzoyl



Hexakis-(2,3-di-O-methyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

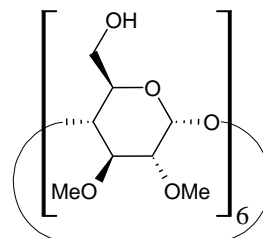
Cat. No : CDexA-017

CAS : -----

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

MW : 1141.16

Me = methyl



Hexakis-(2,3-di-O-benzyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

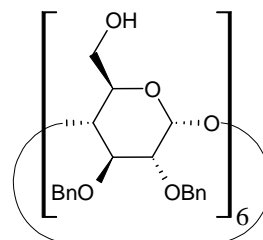
Cat. No : CDexA-019

CAS : -----

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

MW : 2054.31

Bn = benzyl



### $\alpha$ -Cyclodextrin & derivatives

Hexakis-(2,3-di-O-acetyl)- $\alpha$ -Cyclodextrin  $\geq 97\%$

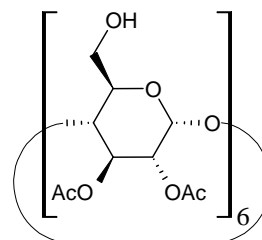
Cat. No : CDexA-020

CAS :-----

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

MW : 1477.28

Ac = acetyl



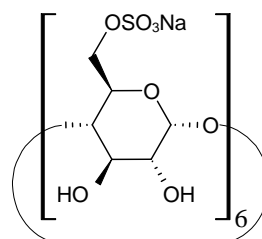
Hexakis-(6-O-sulfo)- $\alpha$ -Cyclodextrin  
hexasodium salt  $\geq 97\%$

Cat. No : CDexA-063

CAS :-----

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

MW : 1585.11



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

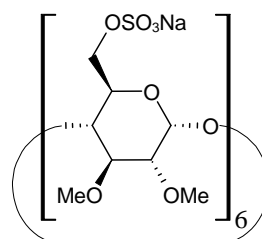
Cat. No : CDexA-064

CAS :-----

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

MW : 1753.43

Me = methyl



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

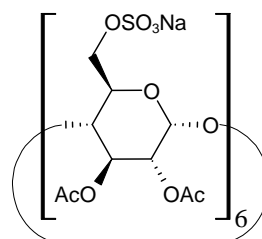
Cat. No : CDexA-065

CAS :-----

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

MW : 2089.55

Ac = acetyl



Mono-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- $\alpha$ -  
Cyclodextrin  $\geq 97\%$

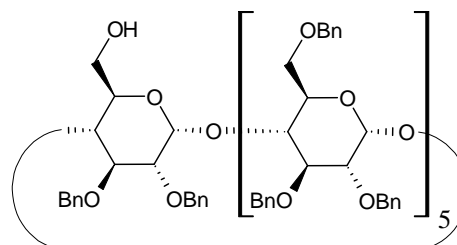
Cat. No : CDexA-054

CAS :-----

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

MW : 2504.92

Bn = benzyl



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Cyclodextrins & derivatives

## $\alpha$ -Cyclodextrin & derivatives

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

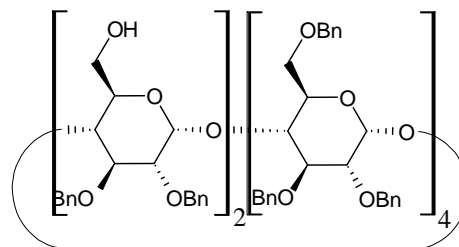
Cat. No : CDexA-060

CAS : -----

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

MW : 2414.80

*Bn* = benzyl



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## β-Cyclodextrin & derivatives

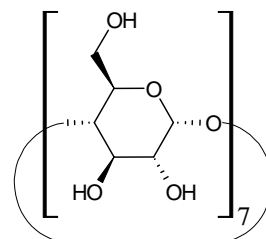
β-Cyclodextrin, *Bio-Reagent* ≥98%

Cat. No : CDexB-000/BR

CAS : 7585-39-9

Formula : C<sub>42</sub>H<sub>70</sub>O<sub>35</sub>

MW : 1134.98



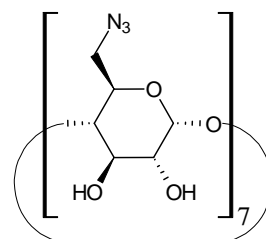
Heptakis-(6-azido-6-deoxy)-β-Cyclodextrin ≥97%

Cat. No : CDexB-011

CAS : 53958-47-7

Formula : C<sub>42</sub>H<sub>63</sub>N<sub>21</sub>O<sub>28</sub>

MW : 1310.07



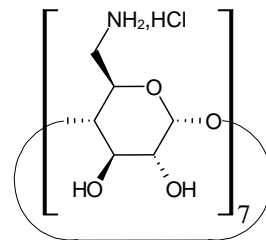
Heptakis-(6-amino-6-deoxy)-β-Cyclodextrin  
heptahydrochloride ≥97%

Cat. No : CDexB-013

CAS : 65024-90-0

Formula : C<sub>42</sub>H<sub>77</sub>N<sub>7</sub>O<sub>28</sub>·7HCl

MW : 1383.32



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

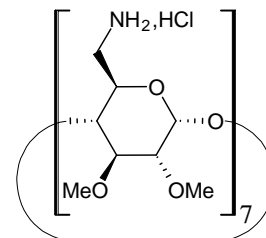
Cat. No : CDexB-021

CAS : -----

Formula : C<sub>56</sub>H<sub>105</sub>N<sub>7</sub>O<sub>28</sub>·7HCl

MW : 1579.69

Me : methyl



Heptakis-(6-deoxy-6-mercapto)-β-Cyclodextrin ≥97%

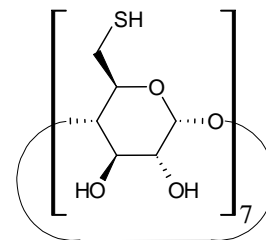
Heptakis-(6-deoxy-6-thio)-β-Cyclodextrin

Cat. No : CDexB-014

CAS : 160661-60-9

Formula : C<sub>42</sub>H<sub>70</sub>O<sub>28</sub>S<sub>7</sub>

MW : 1247.44



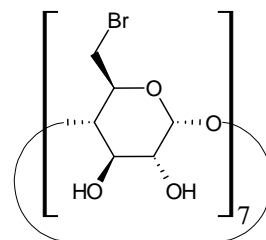
Heptakis-(6-bromo-6-deoxy)-β-Cyclodextrin ≥97%

Cat. No : CDexB-015

CAS : 53784-83-1

Formula : C<sub>42</sub>H<sub>63</sub>Br<sub>7</sub>O<sub>28</sub>

MW : 1575.26



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\beta$ -Cyclodextrin & derivatives

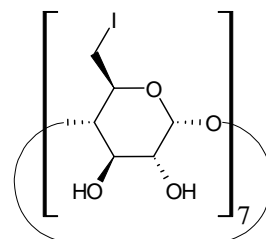
Heptakis-(6-deoxy-6-iodo)- $\beta$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexB-016

CAS : 30754-23-5

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

MW : 1904.26



Heptakis-(6-O-*tert*-butyldimethylsilyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

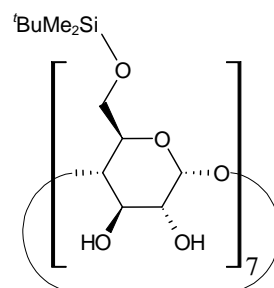
Cat. No : CDexB-009

CAS : 123155-03-3

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

MW : 1934.81

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Heptakis-(2,3-di-O-methyl-6-O-*tert*-butyldimethylsilyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexB-039

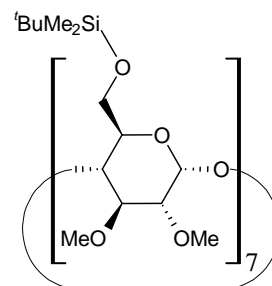
CAS : 123155-04-4

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

MW : 2131.18

Me = methyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Heptakis-(2,3-di-O-benzyl-6-O-*tert*-butyldimethylsilyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexB-041

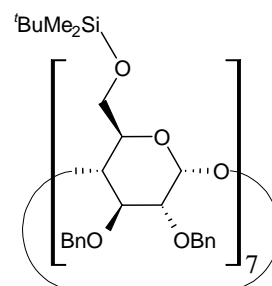
CAS : -----

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

MW : 3196.52

Me = methyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Heptakis-(2,3-di-O-acetyl-6-O-*tert*-butyldimethylsilyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexB-042

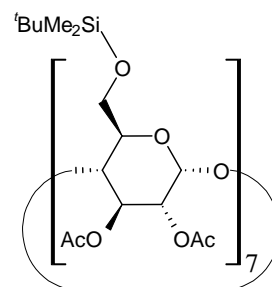
CAS : 123172-94-1

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

MW : 2523.32

Ac = acetyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\beta$ -Cyclodextrin & derivatives

Heptakis-(2,3,6-tri-O- methyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

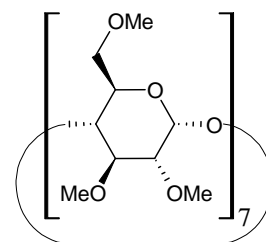
Cat. No : CDexB-032

CAS : 55216-11-0

Formula :  $C_{63}H_{112}O_{35}$

MW : 1429.54

Me = methyl



Heptakis-(2,3,6-tri-O- benzyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

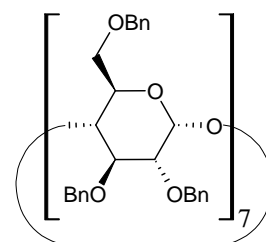
Cat. No : CDexB-035

CAS : - - - - -

Formula :  $C_{189}H_{196}O_{35}$

MW : 3027.56

Bn = benzyl



Heptakis-(2,3,6-tri-O- acetyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

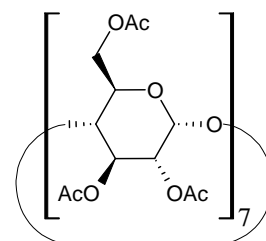
Cat. No : CDexB-036

CAS : 23739-88-0

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

MW : 2017.75

Ac = acetyl



Heptakis-(2,3,6-tri-O- benzoyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

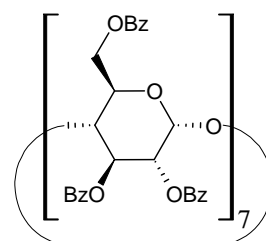
Cat. No : CDexB-038

CAS : 23666-43-5

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

MW : 3321.21

Bz = benzoyl



Heptakis-(2,3-di-O-methyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

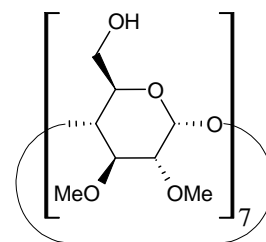
Cat. No : CDexB-017

CAS : - - - - -

Formula :  $C_{56}H_{98}O_{35}$

MW : 1331.35

Me = methyl



Heptakis-(2,3-di-O-benzyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

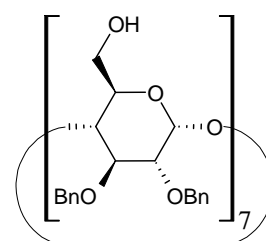
Cat. No : CDexB-019

CAS : - - - - -

Formula :  $C_{140}H_{154}O_{35}$

MW : 2396.70

Bn = benzyl



### $\beta$ -Cyclodextrin & derivatives

Heptakis-(2,3-di-O-acetyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

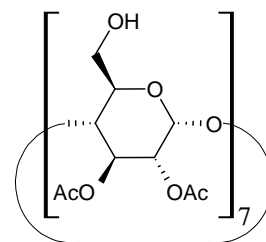
Cat. No : CDexB-020

CAS : -----

Formula :  $C_{70}H_{98}O_{49}$

MW : 1723.50

Ac = acetyl



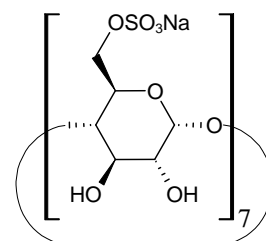
Heptakis-(6-O-sulfo)- $\beta$ -Cyclodextrin  
heptasodium salt  $\geq 97\%$

Cat. No : CDexB-063

CAS : 197587-31-8

Formula :  $C_{42}H_{63}Na_7O_{56}S_7$

MW : 1849.30



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

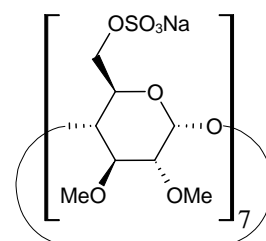
Cat. No : CDexB-064

CAS : 201346-23-8

Formula :  $C_{56}H_{63}Na_7O_{56}S_7$

MW : 2045.67

Me = methyl



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

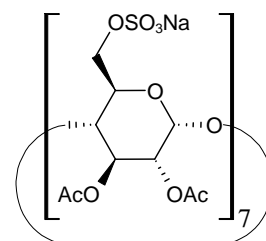
Cat. No : CDexB-065

CAS : 196398-66-0

Formula :  $C_{70}H_{91}Na_7O_{70}S_7$

MW : 2437.81

Ac = acetyl



6-Monotosyl- $\beta$ -Cyclodextrin  $\geq 97\%$

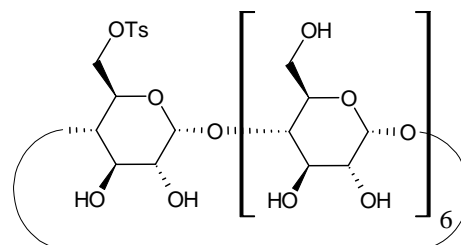
Cat. No : CDexB-050

CAS : 67217-55-4

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

MW : 1289.17

Ts = tosyl = *p*-toluenesulfonyl





### $\beta$ -Cyclodextrin & derivatives

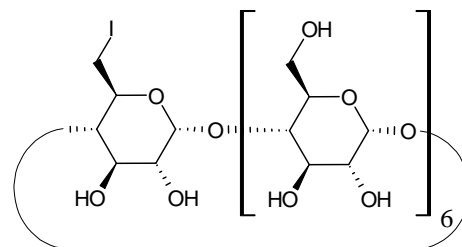
6-Monodeoxy-6-monoiodo- $\beta$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexB-052

CAS : 29390-66-7

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

MW : 1244.88



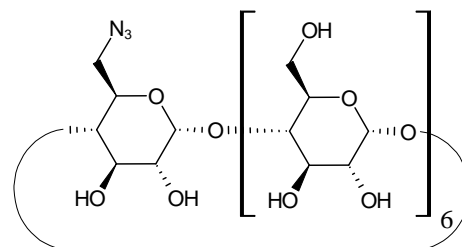
6-Monoazido-6-monodeoxy- $\beta$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexB-067

CAS : 98169-85-8

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

MW : 1160



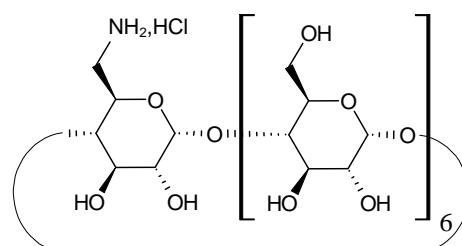
6-Monoamino-6-monodeoxy- $\beta$ -Cyclodextrin hydrochloride  $\geq 97\%$

Cat. No : CDexB-053

CAS : 126927-47-7

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

MW : 1170.46



6-Monoamino-6-monodeoxy-per-methyl- $\beta$ -Cyclodextrin hydrochloride  $\geq 97\%$

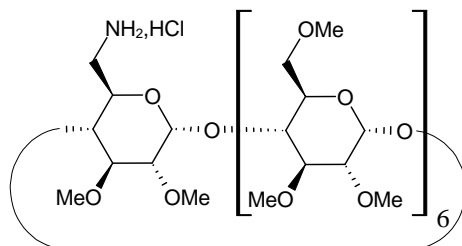
Cat. No : CDexB-082

CAS : -----

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

MW : 1450.99

Me = methyl



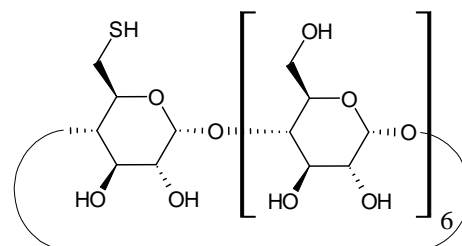
6-Monodeoxy-6-monomercapto- $\beta$ -Cyclodextrin  $\geq 97\%$   
6-Monodeoxy-6-monothio- $\beta$ -Cyclodextrin

Cat. No : CDexB-085

CAS : 81644-55-5

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

MW : 1151.05



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\beta$ -Cyclodextrin & derivatives

Mono-(2,3-di-O-benzyl)-hexakis-(2,3,6-tri-O-benzyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

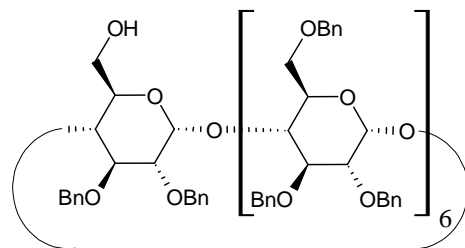
Cat. No : CDexB-054

CAS : -----

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

MW : 2937.44

Bn = benzyl



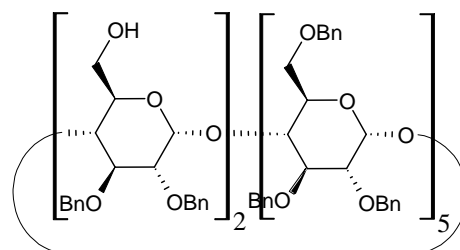
$A,D$ -Di-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- $\beta$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexB-060

CAS : -----

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

MW : 2847.31



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\gamma$ -Cyclodextrin & derivatives

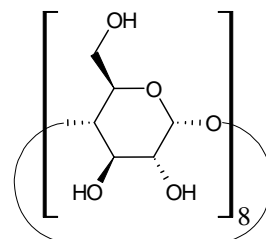
$\gamma$ -Cyclodextrin, *Bio-Reagent*  $\geq 98\%$

Cat. No : CDexG-000/BR

CAS : 17465-86-0

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

MW : 1297.12



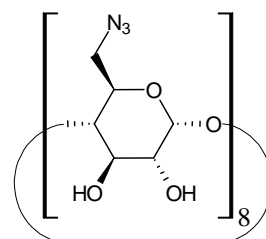
Octakis-(6-azido-6-deoxy)- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-011

CAS : -----

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

MW : 1497.22



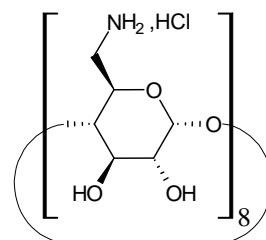
Octakis-(6-amino-6-deoxy)- $\gamma$ -Cyclodextrin  
octahydrochloride  $\geq 97\%$

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)- $\gamma$ -Cyclodextrin  
octahydrochloride  $\geq 97\%$

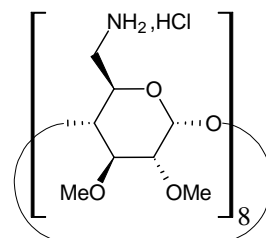
Cat. No : CDexG-021

CAS : -----

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

MW : 1805.36

*Me = methyl*



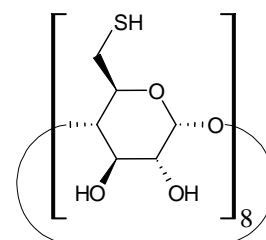
Octakis-(6-deoxy-6-mercapto)- $\gamma$ -Cyclodextrin  $\geq 97\%$   
Octakis-(6-deoxy-6-thio)- $\gamma$ -Cyclodextrin

Cat. No : CDexG-014

CAS : 180839-61-6

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

MW : 1425.65



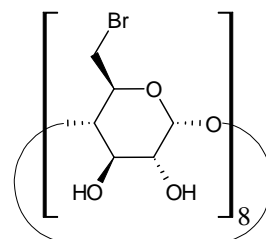
Octakis-(6-bromo-6-deoxy)- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-015

CAS : 53784-84-2

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

MW : 1800.30



### $\gamma$ -Cyclodextrin & derivatives

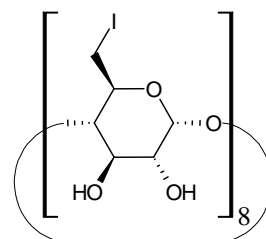
Octakis-(6-deoxy-6-iodo)- $\gamma$ -cyclodextrin  $\geq 97\%$

Cat. No : CDexG-016

CAS : 168296-33-1

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

MW : 2176.30



Octakis-(6-O-*tert*-butyldimethylsilyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

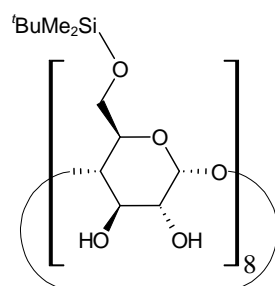
Cat. No : CDexG-009

CAS : - - - - -

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

MW : 2211.21

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Octakis-(2,3-di-O-methyl-6-O-*tert*-butyldimethylsilyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-039

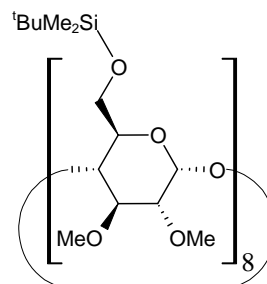
CAS : - - - - -

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

MW : 2435.64

Me = methyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Octakis-(2,3-di-O-benzyl-6-O-*tert*-butyldimethylsilyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-041

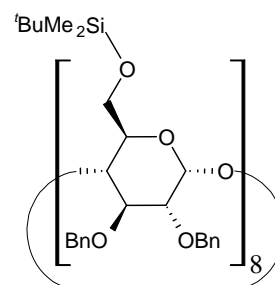
CAS : - - - - -

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

MW : 3653.17

Bn = benzyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



Octakis-(2,3-di-O-acetyl-6-O-*tert*-butyldimethylsilyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-042

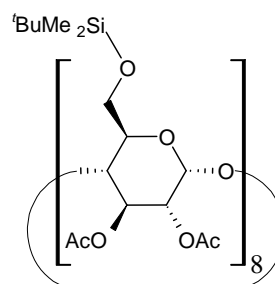
CAS : - - - - -

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

MW : 2883.80

Ac = acetyl

<sup>t</sup>BuMe<sub>2</sub>Si = *tert*-butyldimethylsilyl



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\gamma$ -Cyclodextrin & derivatives

Octakis-(2,3,6-tri-O-methyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

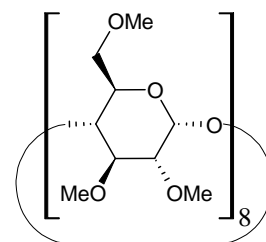
Cat. No : CDexG-032

CAS : -----

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

MW : 1633.76

Me = methyl



Octakis-(2,3,6-tri-O-benzyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

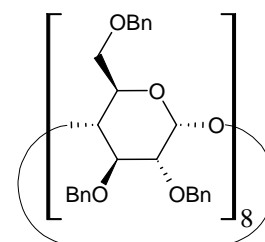
Cat. No : CDexG-035

CAS : -----

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

MW : 3460.06

Bn = benzyl



Octakis-(2,3,6-tri-O-acetyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

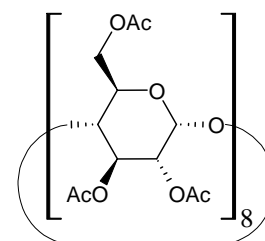
Cat. No : CDexG-036

CAS : 30786-38-0

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

MW : 2306

Ac = acetyl



Octakis-(2,3,6-tri-O-benzoyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

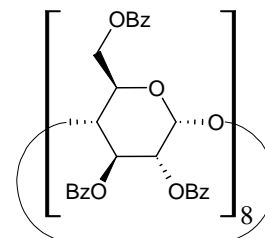
Cat. No : CDexG-038

CAS : -----

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

MW : 3795.67

Bz = benzoyl



Octakis-(2,3-di-O-methyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

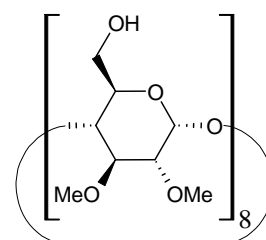
Cat. No : CDexG-017

CAS : -----

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

MW : 1521.55

Me = methyl



Octakis-(2,3-di-O-benzyl)- $\gamma$ -Cyclodextrin  $\geq 97\%$

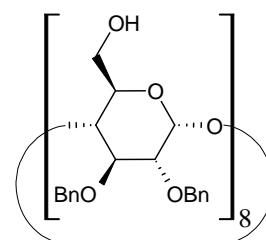
Cat. No : CDexG-019

CAS : -----

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

MW : 2739.08

Bn = benzyl



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Cyclodextrins & derivatives

## $\gamma$ -Cyclodextrin & derivatives

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

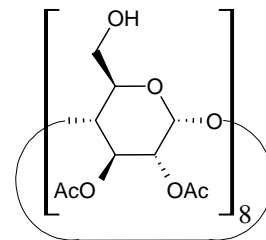
Cat. No : CDexG-020

CAS : -----

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

MW : 1969.71

Ac = acetyl



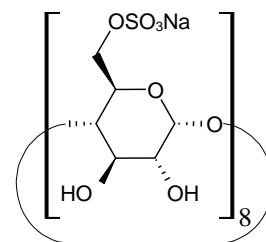
Octakis-(6-O-sulfo)- $\gamma$ -Cyclodextrin  
octasodium salt  $\geq 97\%$

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)- $\gamma$ -Cyclodextrin  
octasodium salt  $\geq 97\%$

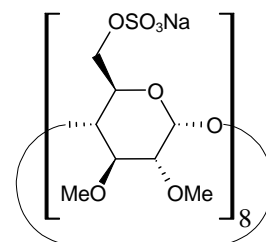
Cat. No : CDexG-064

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)- $\gamma$ -Cyclodextrin  
octasodium salt  $\geq 97\%$

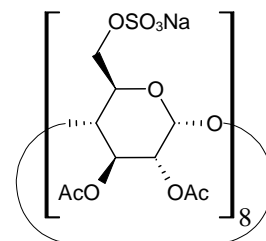
Cat. No : CDexG-065

CAS : -----

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

MW : 2786.07

Ac = acetyl



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

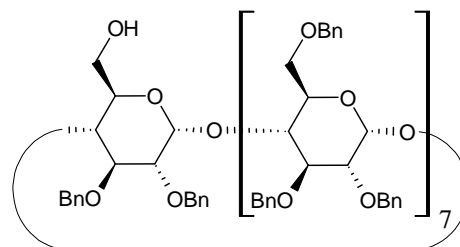
Cat. No : CDexG-054

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.

### $\alpha$ -Cyclodextrin derivatives

Carboxymethyl- $\alpha$ -Cyclodextrin sodium salt

CMACD; DS~3-5

Cat. No : CDexA-070

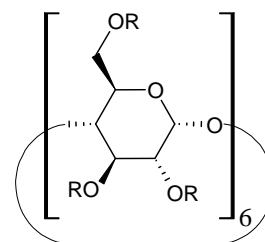
CAS : - - - - -

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

MW :  $972.84 + n(80.02)$

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

$n \sim 3-5$



Succinyl- $\alpha$ -Cyclodextrin

SuACD; DS~3-5

Cat. No : CDexA-071

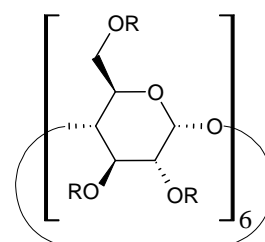
CAS : - - - - -

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

MW :  $972.84 + n(100.07)$

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

$n \sim 3-5$



$\alpha$ -Cyclodextrin sulfate sodium salt

SACD; DS~10-12

Cat. No : CDexA-073

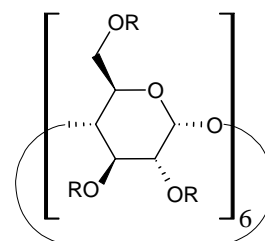
CAS : 699020-02-5

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- $\alpha$ -Cyclodextrin *Bio-Reagent*

RAMEACD; DS~10-12

Cat. No : CDexA-076

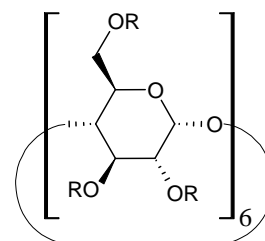
CAS : - - - - -

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

MW :  $972.84 + n(14.03)$

$R = H$  or  $-CH_3$

$n \sim 10-12$



(2-Hydroxypropyl)- $\alpha$ -Cyclodextrin

HPACD; DS~3.5-5.5

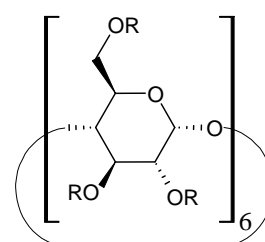
Cat. No : CDexA-075

CAS : 128446-33-3

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

Average MW : ~1180

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





# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\beta$ -Cyclodextrin derivatives

Carboxymethyl- $\beta$ -Cyclodextrin sodium salt  
CMBCD; DS~3-5

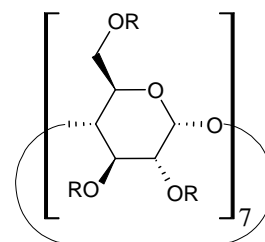
Cat. No : CDexB-070

Formula :  $C_{42}H_{70-n}O_{35} \cdot (CH_2COONa)_n$   
 $R = -H \text{ or } -CH_2-COONa$

CAS : 218269-34-2

MW :  $1134.98 + n(80.02)$

$n \sim 3-5$



Succinyl- $\beta$ -Cyclodextrin  
SuBCD; DS~3-5

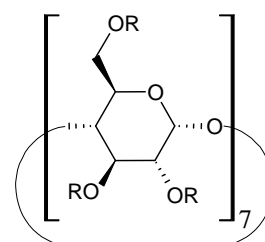
Cat. No : CDexB-071

Formula :  $C_{42}H_{70-n}O_{35} \cdot (C_4H_5O_3)_n$   
 $R = H \text{ or } -CO-CH_2-CH_2-COOH$

CAS : 957494-34-7

MW :  $1134.98 + n(100.07)$

$n \sim 3-5$



$\beta$ -Cyclodextrin sulfate sodium salt  
SBCD; DS~12-14

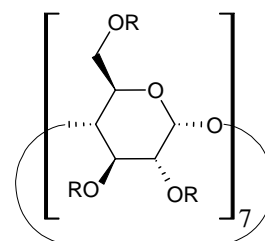
Cat. No : CDexB-073

Formula :  $C_{42}H_{70-n}O_{35} \cdot (SO_3Na)_n$   
 $R = H \text{ or } -SO_3Na$

CAS : 37191-69-8

MW :  $1134.98 + n(102.04)$

$n \sim 12-14$



Sulfobutyl- $\beta$ -Cyclodextrin sodium salt *Bio-Reagent*  
SBEB CD; DS~6-7

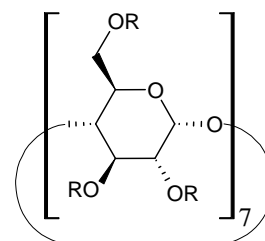
Cat. No : CDexB-080

Formula :  $C_{42}H_{70-n}O_{35} \cdot (C_4H_8SO_3Na)_n$   
 $R = H \text{ or } -CH_2-CH_2-CH_2-CH_2-SO_3Na$

CAS : 182410-00-0

MW :  $1134.98 + n(158.15)$

$n \sim 6-7$



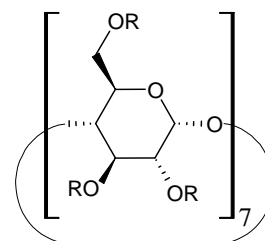
Di-methyl- $\beta$ -Cyclodextrin  
DIMEBCD;  $\geq 75\%$

Cat. No : CDexB-077

Formula :  $C_{42}H_{70-n}O_{35} \cdot (CH_3)_n$   
 $R = H \text{ or } -CH_3$

CAS : 128446-36-6

MW :  $1134.98 + n(14.03)$



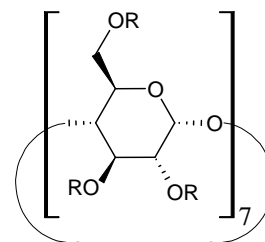
Methyl- $\beta$ -Cyclodextrin *Bio-Reagent*  
RAMEBCD; DS~11-14

Cat. No : CDexB-076/BR

Formula :  $C_{42}H_{70-n}O_{35} \cdot (CH_3)_n$   
 $R = H \text{ or } -CH_3$

CAS : 128446-36-6

Average MW :  $\sim 1311$



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

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## $\beta$ -Cyclodextrin derivatives

(2-Hydroxypropyl)- $\beta$ -Cyclodextrin *Bio-Reagent*

HPBCD; DS~3.5-5.5

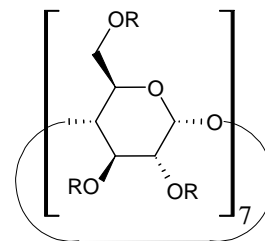
Cat. No : CDexB-075/BR

CAS : 128446-35-5

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

Average MW : ~1380

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



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## **$\gamma$ -Cyclodextrin derivatives**

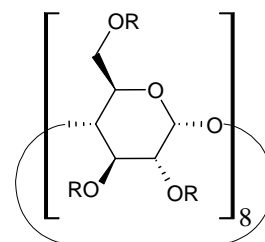
Carboxymethyl- $\gamma$ -Cyclodextrin sodium salt  
CMGCD; DS~3-5

Cat. No : CDexG-070

CAS : - - - - -

Formula :  $C_{48}H_{80-n}O_{40} \cdot (CH_2COONa)_n$   
 $R = -H \text{ or } -CH_2-COONa$

MW :  $1297.12 + n(80.02)$   
 $n \sim 3-5$



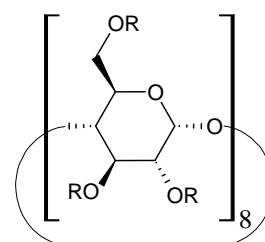
Succinyl- $\gamma$ -Cyclodextrin  
SuGCD; DS~3-5

Cat. No : CDexG-071

CAS : - - - - -

Formula :  $C_{48}H_{80-n}O_{40} \cdot (C_4H_5O_3)_n$   
 $R = H \text{ or } -CO-CH_2-CH_2-COOH$

MW :  $1297.12 + n(100.07)$   
 $n \sim 3-5$



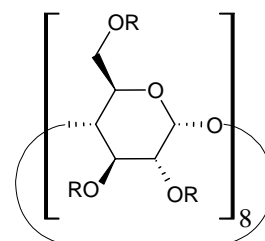
$\gamma$ -Cyclodextrin sulfate sodium salt  
SGCD; DS~13-16

Cat. No : CDexG-073

CAS : - - - - -

Formula :  $C_{48}H_{80-n}O_{40} \cdot (SO_3Na)_n$   
 $R = H \text{ or } -SO_3Na$

MW :  $1297.12 + n(102.04)$   
 $n \sim 13-15$



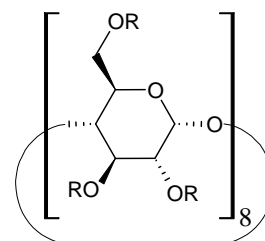
Methyl- $\gamma$ -Cyclodextrin *Bio-Reagent*  
RAMEGCD; DS~13-16

Cat. No : CDexG-076

CAS : - - - - -

Formula :  $C_{48}H_{80-n}O_{40} \cdot (CH_3)_n$   
 $R = H \text{ or } -CH_3$

MW :  $1297.12 + n(14.03)$   
 $n \sim 13-16$



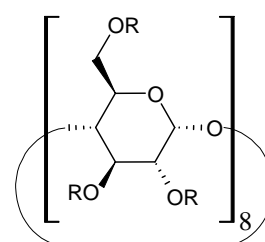
(2-Hydroxypropyl)- $\gamma$ -Cyclodextrin  
HPGCD; DS~4-6

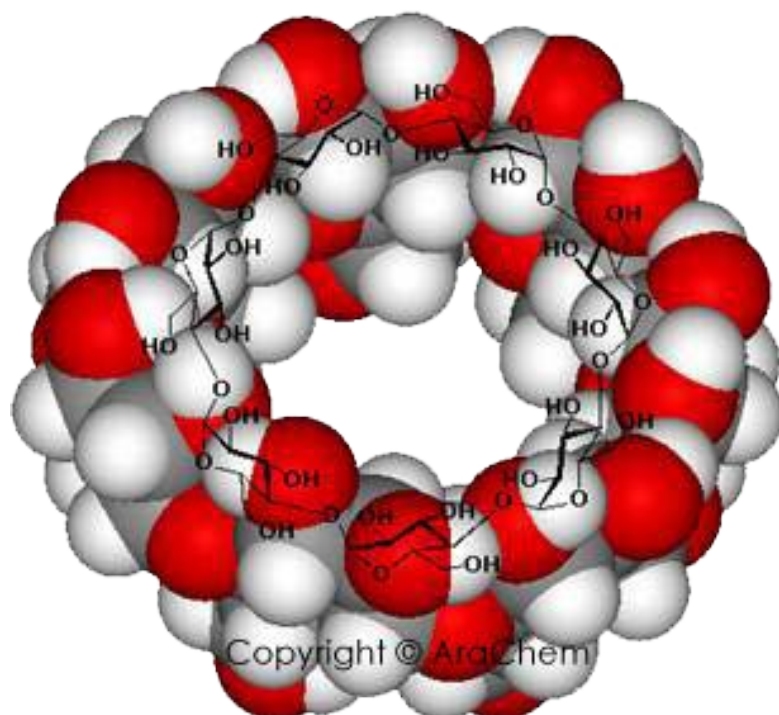
Cat. No : CDexG-075

CAS : 128446-34-4

Formula :  $C_{48}H_{80-n}O_{40} \cdot (C_3H_7O)_n$   
 $R = H \text{ or } -CH_2-CHOH-CH_3$

Average MW : ~1580





Please direct your inquiries to

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