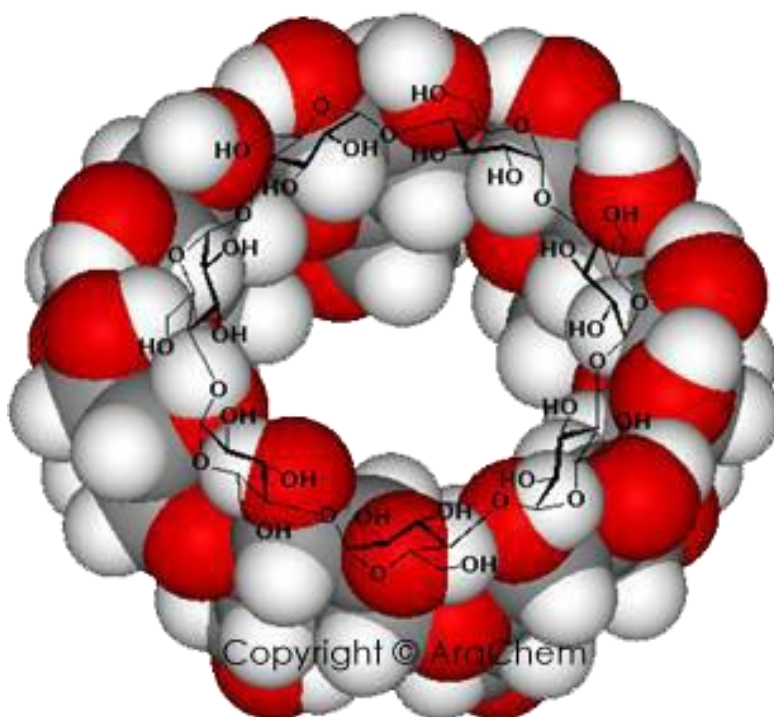


*AraChem*  
**Cyclodextrin-Shop**



**$\beta$ -Cyclodextrin**

***Cyclodextrins & derivatives***  
***(Catalogue 2022-2023)***

# *Cyclodextrin-Shop.com*

*Cyclodextrins & derivatives*

---

## Catalogue

**Valid from 01.10.2022**

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: [request@cyclodextrin-shop.com](mailto:request@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.

# 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-015	Hexakis-(6-bromo-6-deoxy)- $\alpha$ -Cyclodextrin	1
CDexA-016	Hexakis-(6-deoxy-6-iodo)- $\alpha$ -Cyclodextrin	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-thio)- $\alpha$ -Cyclodextrin	2
CDexA-063	Hexakis-(6-O-sulfo)- $\alpha$ -Cyclodextrin sodium salt	2
CDexA-064	Hexakis-(2,3-di-O-methyl-6-O-sulfo)- $\alpha$ -Cyclodextrin sodium salt	2
CDexA-065	Hexakis-(2,3-di-O-acetyl-6-O-sulfo)- $\alpha$ -Cyclodextrin sodium salt	2
CDexA-006	Hexakis-(6-O-methyl)- $\alpha$ -cyclodextrin	2
CDexA-025	Hexakis-(2,6-di-O-methyl)- $\alpha$ -Cyclodextrin	2
CDexA-028	Hexakis-(2,6-di-O- <i>n</i> -pentyl)- $\alpha$ -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	3
CDexA-009	Hexakis-(6-O- <i>tert</i> -butyldimethylsilyl)- $\alpha$ -Cyclodextrin	3
CDexA-039	Hexakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\alpha$ -Cyclodextrin	3
CDexA-041	Hexakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\alpha$ -Cyclodextrin	4
CDexA-042	Hexakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\alpha$ -Cyclodextrin	4
CDexA-032	Hexakis-(2,3,6-tri-O-methyl)- $\alpha$ -Cyclodextrin	4
CDexA-035	Hexakis-(2,3,6-tri-O-benzyl)- $\alpha$ -Cyclodextrin	4
CDexA-036	Hexakis-(2,3,6-tri-O-acetyl)- $\alpha$ -Cyclodextrin	4
CDexA-038	Hexakis-(2,3,6-tri-O-benzoyl)- $\alpha$ -Cyclodextrin	5
CDexA-052	6-Monodeoxy-6-moniodo- $\alpha$ -Cyclodextrin	5
CDexA-067	6-Monoazido-6-monodeoxy- $\alpha$ -Cyclodextrin	5
CDexA-053	6-Monoamino-6-monodeoxy- $\alpha$ -Cyclodextrin hydrochloride	5
CDexA-054	Mono-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- $\alpha$ -Cyclodextrin	5
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-015	Heptakis-(6-bromo-6-deoxy)- $\beta$ -Cyclodextrin	6
CDexB-016	Heptakis-(6-deoxy-6-iodo)- $\beta$ -Cyclodextrin	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-thio)- $\beta$ -cyclodextrin	7
CDexB-063	Heptakis-(6-deoxy-6-O-sulfo)- $\beta$ -Cyclodextrin sodium salt	7
CDexB-064	Heptakis-(2,3-di-O-methyl-6-O-sulfo)- $\beta$ -Cyclodextrin sodium salt	7
CDexB-065	Heptakis-(2,3-di-O-acetyl-6-O-sulfo)- $\beta$ -Cyclodextrin sodium salt	7
CDexB-006	Heptakis-(6-O-methyl)- $\beta$ -Cyclodextrin	7
CDexB-025	Heptakis-(2,6-di-O-methyl)- $\beta$ -Cyclodextrin	7
CDexB-028	Heptakis-(2,6-di-O- <i>n</i> -pentyl)- $\beta$ -Cyclodextrin	8
CDexB-017	Heptakis-(2,3-di-O-methyl)- $\beta$ -Cyclodextrin	8
CDexB-019	Heptakis-(2,3-di-O-benzyl)- $\beta$ -Cyclodextrin	8

# Cyclodextrin-Shop.com

## Cyclodextrins & derivatives

---

CDexB-020	Heptakis-(2,3-di-O-acetyl)- $\beta$ -Cyclodextrin	8
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	9
CDexB-038	Heptakis-(2,3,6-tri-O-benzoyl)- $\beta$ -Cyclodextrin	9
CDexB-009	Heptakis-(6-O- <i>tert</i> -butyldimethylsilyl)- $\beta$ -Cyclodextrin	9
CDexB-039	Heptakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\beta$ -cyclodextrin	9
CDexB-041	Heptakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\beta$ -cyclodextrin	9
CDexB-042	Heptakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\beta$ -cyclodextrin	10
CDexB-050	6-Monotosyl- $\beta$ -Cyclodextrin	10
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-052	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-082	6-Monoamino-6-monodeoxy-per-methyl- $\beta$ -Cyclodextrin hydrochloride	11
CDexB-060	<i>A,D</i> -Di-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- $\beta$ -Cyclodextrin	11

---

CDexG-000	$\gamma$ -Cyclodextrin Bio-Reagent	12
CDexG-015	Octakis-(6-bromo-6-deoxy)- $\gamma$ -Cyclodextrin	12
CDexG-016	Octakis-(6-deoxy-6-iodo)- $\gamma$ -Cyclodextrin	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-thio)- $\gamma$ -Cyclodextrin	13
CDexG-063	Octakis-(6-O-sulfo)- $\gamma$ -Cyclodextrin sodium salt	13
CDexG-064	Octakis-(2,3-di-O-methyl-6-O-sulfo)- $\gamma$ -Cyclodextrin sodium salt	13
CDexG-065	Octakis-(2,3-di-O-acetyl-6-O-sulfo)- $\gamma$ -Cyclodextrin sodium salt	13
CDexG-006	Octakis-(6-O-methyl)- $\gamma$ -Cyclodextrin	13
CDexG-025	Octakis-(2,6-di-O-methyl)- $\gamma$ -Cyclodextrin	13
CDexG-028	Octakis-(2,3-di-O- <i>n</i> -pentyl)- $\gamma$ -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	14
CDexG-009	Octakis-(6-O- <i>tert</i> -butyldimethylsilyl)- $\gamma$ -Cyclodextrin	14
CDexG-039	Octakis-(2,3-di-O-methyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\gamma$ -Cyclodextrin	14
CDexG-041	Octakis-(2,3-di-O-benzyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\gamma$ -Cyclodextrin	15
CDexG-042	Octakis-(2,3-di-O-acetyl-6-O- <i>tert</i> -butyldimethylsilyl)- $\gamma$ -cyclodextrin	15
CDexG-032	Octakis-(2,3,6-tri-O-methyl)- $\gamma$ -Cyclodextrin	15
CDexG-035	Octakis-(2,3,6-tri-O-benzyl)- $\gamma$ -Cyclodextrin	15
CDexG-036	Octakis-(2,3,6-tri-O-acetyl)- $\gamma$ -Cyclodextrin	15
CDexG-038	Octakis-(2,3,6-tri-O-benzoyl)- $\gamma$ -Cyclodextrin	15
CDexG-052	6-Monoiodo-6-monodeoxy- $\gamma$ -Cyclodextrin	16
CDexG-067	6-Monoazido-6-monodeoxy- $\gamma$ -Cyclodextrin	16
CDexG-053	6- Monoamino-6-monodeoxy- $\gamma$ -Cyclodextrin hydrochloride	16
CDexG-054	Mono-(2,3-di-O-benzyl)-heptakis-(2,3,6-tri-O-benzyl)- $\gamma$ -Cyclodextrin	16

---

# *Cyclodextrin-Shop.com*

*Cyclodextrins & derivatives*

---

## **Section-II:**

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

# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

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

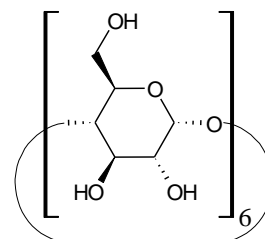
$\alpha$ -Cyclodextrin *Bio-Reagent*  $\geq 99\%$  (HPLC)

Cat. No : CDexA-000/BR

CAS : 10016-20-3

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

MW : 972.84



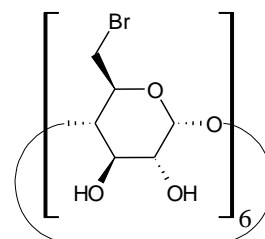
Hexakis-(6-bromo-6-deoxy)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-015

CAS : 53784-82-0

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

MW : 1350.22



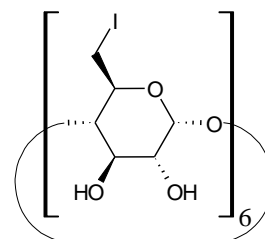
Hexakis-(6-deoxy-6-iodo)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-016

CAS : 131105-41-4

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

MW : 1632.22



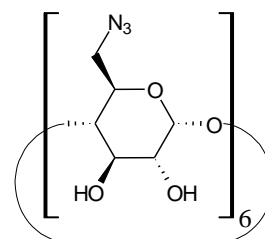
Hexakis-(6-azido-6-deoxy)- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-011

CAS : -----

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

MW : 1122.92



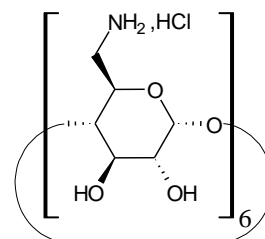
Hexakis-(6-amino-6-deoxy)- $\alpha$ -Cyclodextrin  
hexahydrochloride  $\geq 97\%$

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  $\geq 98\%$

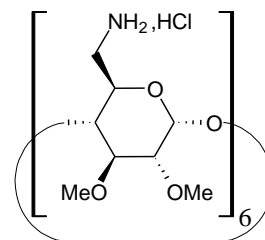
Cat. No : CDexA-021

CAS : -----

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

MW : 1354.02

*Me = methyl*

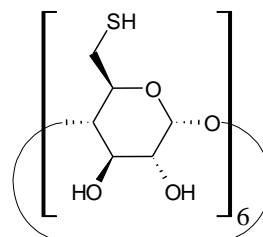


### $\alpha$ -Cyclodextrin & derivatives

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

Cat. No : CDexA-014  
Formula :  $C_{36}H_{60}O_{24}S_6$

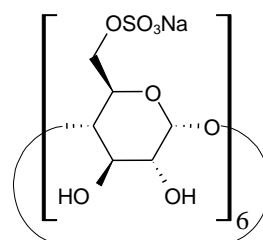
CAS : 180839-60-5  
MW : 1069.23



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

Cat. No : CDexA-063  
Formula :  $C_{36}H_{54}O_{48}S_6 \cdot 6Na$

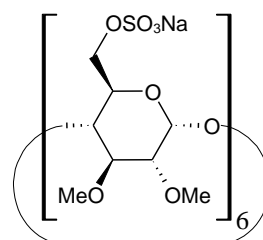
CAS : -----  
MW : 1585.11



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

Cat. No : CDexA-064  
Formula :  $C_{48}H_{78}O_{48}S_6 \cdot 6Na$   
*Me = methyl*

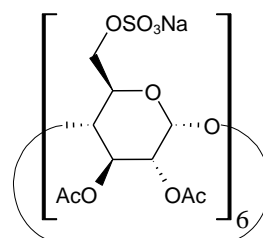
CAS : -----  
MW : 1753.43



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

Cat. No : CDexA-065  
Formula :  $C_{60}H_{78}O_{60}S_6 \cdot 6Na$   
*Ac = acetyl*

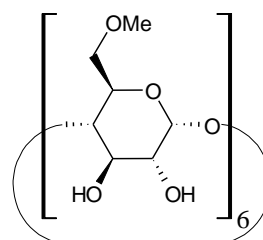
CAS : -----  
MW : 2089.55



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

Cat. No : CDexA-006  
Formula :  $C_{42}H_{72}O_{30}$   
*Me = methyl*

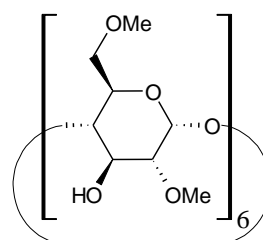
CAS : -----  
MW : 1057



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

Cat. No : CDexA-025  
Formula :  $C_{48}H_{84}O_{30}$   
*Me = methyl*

CAS : -----  
MW : 1141.16





# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\alpha$ -Cyclodextrin & derivatives

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

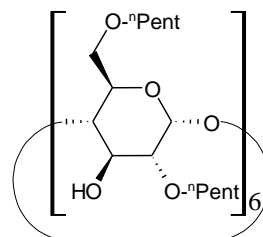
Cat. No : CDexA-028

CAS : 120336-45-0

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

MW : 1814.44

<sup>n</sup>Pent = pentyl



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

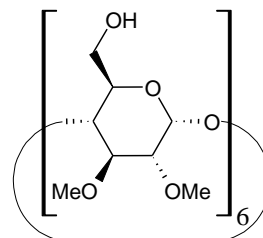
Cat. No : CDexA-017

CAS : -----

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

MW : 1141.16

Me = methyl



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

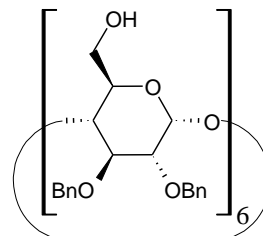
Cat. No : CDexA-019

CAS : -----

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

MW : 2054.31

Bn = benzyl



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

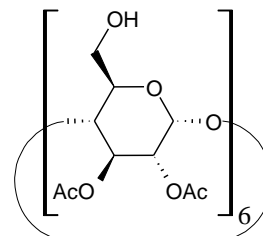
Cat. No : CDexA-020

CAS : -----

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

MW : 1477.28

Ac = acetyl



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

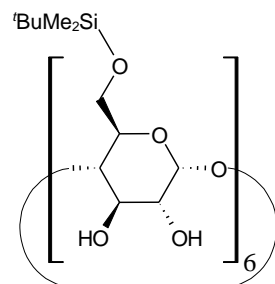
Cat. No : CDexA-009

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  $\geq 98\%$

Cat. No : CDexA-039

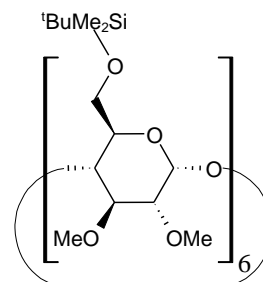
CAS : -----

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

MW : 1826.73

Me = methyl

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



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\alpha$ -Cyclodextrin & derivatives

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

Cat. No : CDexA-041

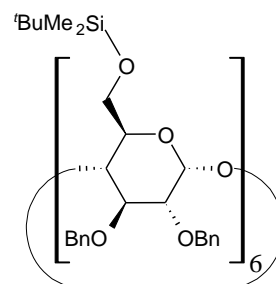
CAS : - - - - -

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  $\geq 98\%$

Cat. No : CDexA-042

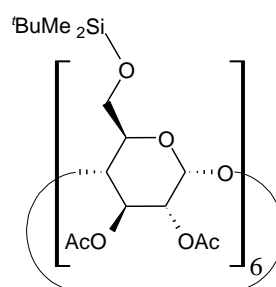
CAS : 118663-74-4

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

MW : 2162.85

Ac = acetyl

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



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

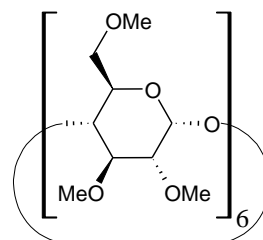
Cat. No : CDexA-032

CAS : 68715-56-0

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

MW : 1225.32

Me = methyl



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

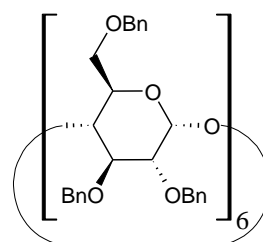
Cat. No : CDexA-035

CAS : - - - - -

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

MW : 2595.05

Bn = benzyl



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

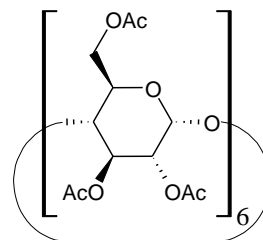
Cat. No : CDexA-036

CAS : 23661-37-2

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

MW : 1729.50

Ac = acetyl



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\alpha$ -Cyclodextrin & derivatives

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

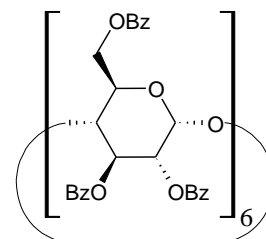
Cat. No : CDexA-038

CAS : -----

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

MW : 2846.75

Bz = benzoyl



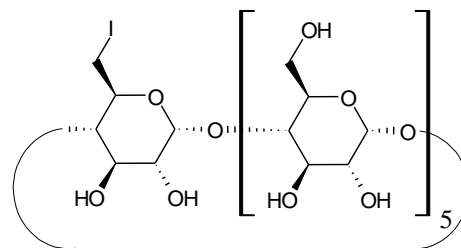
6-Monodeoxy-6-iodo- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-052

CAS : -----

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

MW : 1082.74



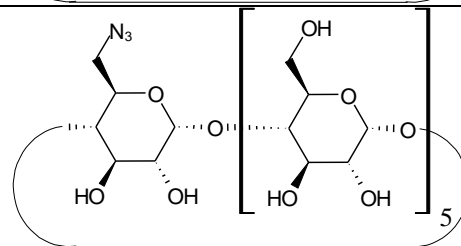
6-Monoazido-6-monodeoxy- $\alpha$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexA-067

CAS : -----

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

MW : 997.85



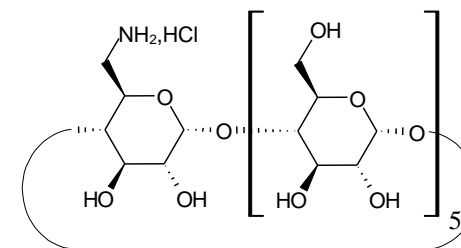
6-Monoamino-6-monodeoxy- $\alpha$ -Cyclodextrin hydrochloride  $\geq 97\%$

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)- $\alpha$ -Cyclodextrin  $\geq 98\%$

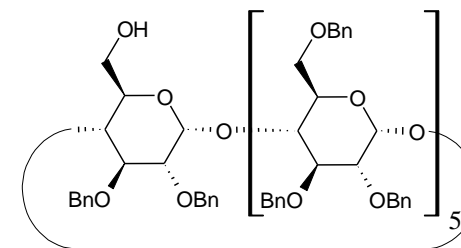
Cat. No : CDexA-054

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)- $\alpha$ -Cyclodextrin  $\geq 98\%$

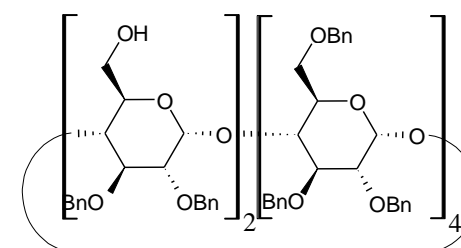
Cat. No : CDexA-060

CAS : -----

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

MW : 2414.80

Bn = benzyl



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## β-Cyclodextrin & derivatives

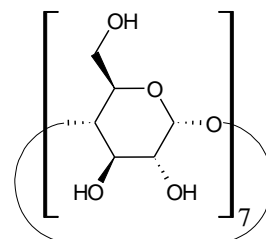
β-Cyclodextrin *Bio-Reagent* ≥99% (HPLC)

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



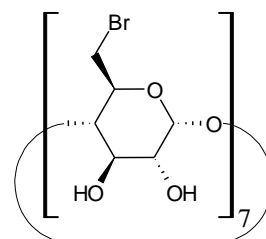
Heptakis-(6-bromo-6-deoxy)-β-Cyclodextrin ≥97%

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



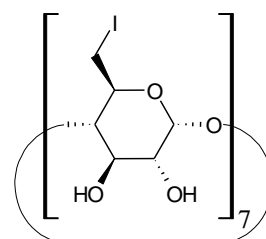
Heptakis-(6-deoxy-6-iodo)-β-Cyclodextrin ≥97%

Cat. No : CDexB-016

CAS : 30754-23-5

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

MW : 1904.26



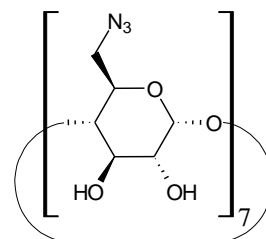
Heptakis-(6-azido-6-deoxy)-β-Cyclodextrin ≥97%

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



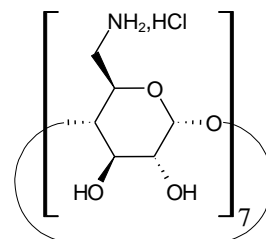
Heptakis-(6-amino-6-deoxy)-β-Cyclodextrin  
heptahydrochloride ≥97%

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 : 1383.31



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

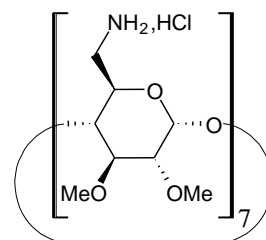
Cat. No : CDexB-021

CAS : - - - - -

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

MW : 1579.69

Me : methyl



# Cyclodextrin-Shop.com

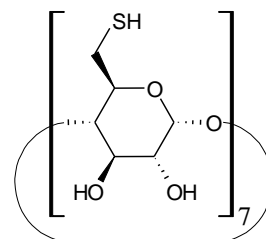
Cyclodextrins & derivatives

## β-Cyclodextrin & derivatives

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

Cat. No : CDexB-014  
Formula : C<sub>42</sub>H<sub>70</sub>O<sub>28</sub>S<sub>7</sub>

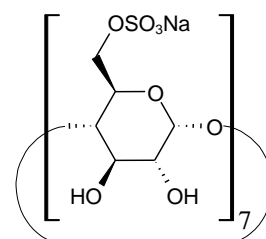
CAS : 160661-60-9  
MW : 1247.44



Heptakis-(6-O-sulfo)-β-Cyclodextrin  
heptasodium salt ≥97%

Cat. No : CDexB-063  
Formula : C<sub>42</sub>H<sub>63</sub>Na<sub>7</sub>O<sub>56</sub>S<sub>7</sub>

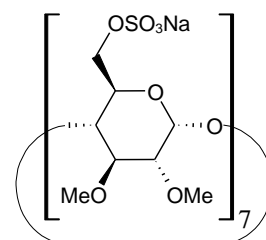
CAS : 197587-31-8  
MW : 1849.30



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

Cat. No : CDexB-064  
Formula : C<sub>56</sub>H<sub>63</sub>Na<sub>7</sub>O<sub>56</sub>S<sub>7</sub>  
*Me = methyl*

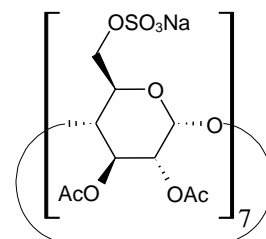
CAS : 201346-23-8  
MW : 2045.67



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

Cat. No : CDexB-065  
Formula : C<sub>70</sub>H<sub>91</sub>Na<sub>7</sub>O<sub>70</sub>S<sub>7</sub>  
*Ac = acetyl*

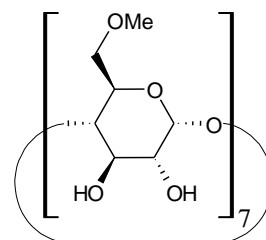
CAS : 196398-66-0  
MW : 2437.81



Heptakis-(6-O-methyl)-β-Cyclodextrin ≥98%

Cat. No : CDexB-006  
Formula : C<sub>49</sub>H<sub>84</sub>O<sub>35</sub>  
*Me = methyl*

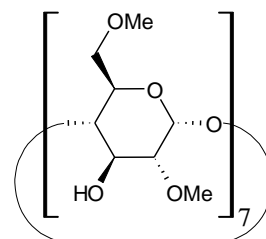
CAS : -----  
MW : 1233.17



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

Cat. No : CDexB-025  
Formula : C<sub>56</sub>H<sub>98</sub>O<sub>35</sub>  
*Me = methyl*

CAS : 51166-71-3  
MW : 1331.35



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\beta$ -Cyclodextrin & derivatives

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

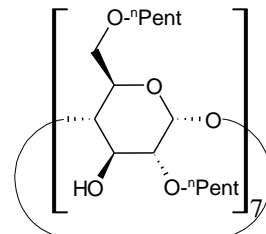
Cat. No : CDexB-028

CAS : 121801-65-8

Formula :  $C_{112}H_{210}O_{35}$

MW : 2116.84

<sup>n</sup>Pent = pentyl



Heptakis-(2,3-di-O-methyl)- $\beta$ -Cyclodextrin  $\geq 98\%$

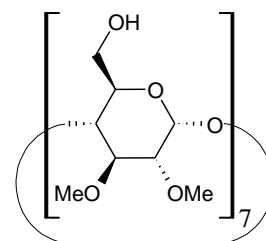
Cat. No : CDexB-017

CAS : -----

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

MW : 1331.35

Me = methyl



Heptakis-(2,3-di-O-benzyl)- $\beta$ -Cyclodextrin  $\geq 98\%$

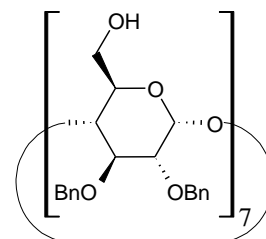
Cat. No : CDexB-019

CAS : -----

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

MW : 2396.70

Bn = benzyl



Heptakis-(2,3-di-O-acetyl)- $\beta$ -Cyclodextrin  $\geq 98\%$

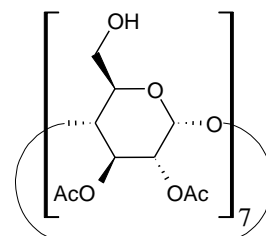
Cat. No : CDexB-020

CAS : -----

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

MW : 1723.50

Ac = acetyl



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

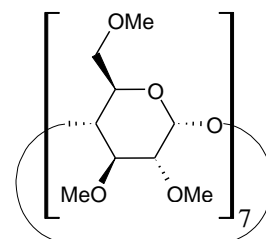
Cat. No : CDexB-032

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  $\geq 98\%$

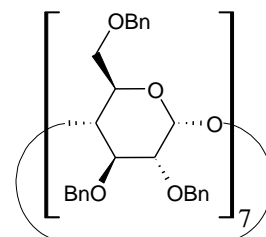
Cat. No : CDexB-035

CAS : -----

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

MW : 3027.56

Bn = benzyl



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\beta$ -Cyclodextrin & derivatives

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

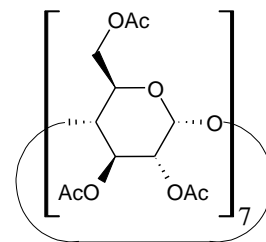
Cat. No : CDexB-036

CAS : 23739-88-0

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

MW : 2017.75

Ac = acetyl



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

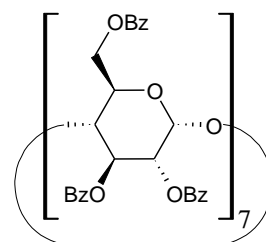
Cat. No : CDexB-038

CAS : 23666-43-5

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

MW : 3321.21

Bz = benzoyl



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

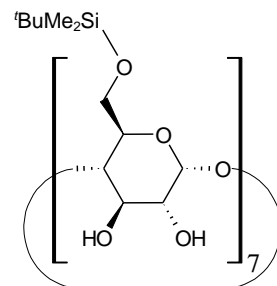
Cat. No : CDexB-009

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  $\geq 98\%$

Cat. No : CDexB-039

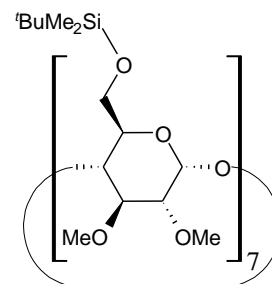
CAS : 123155-04-4

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  $\geq 98\%$

Cat. No : CDexB-041

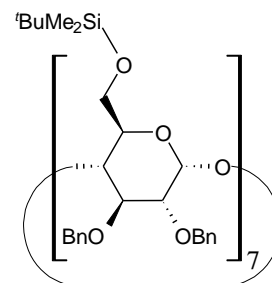
CAS : - - - - -

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

MW : 3196.52

Me = methyl

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



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\beta$ -Cyclodextrin & derivatives

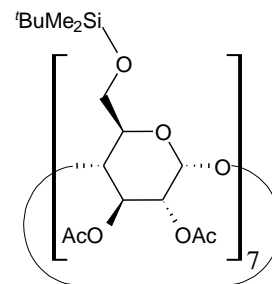
Heptakis-(2,3-di-O-acetyl-6-O-*tert*-butyldimethylsilyl)- $\beta$ -Cyclodextrin  $\geq 98\%$

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

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

Ac = acetyl

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

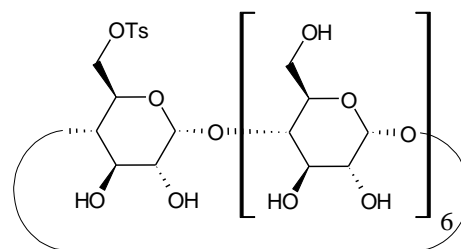


6-Monotosyl- $\beta$ -Cyclodextrin  $\geq 98\%$

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

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

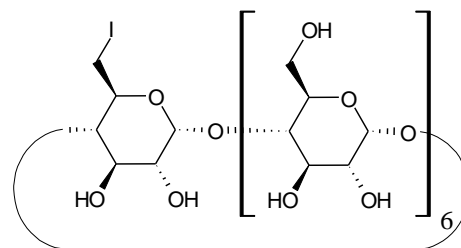
Ts = tosyl = *p*-toluenesulfonyl



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

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

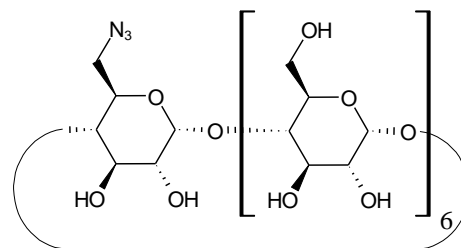
Formula :  $C_{42}H_{69}IO_{34}$  MW : 1244.88



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

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

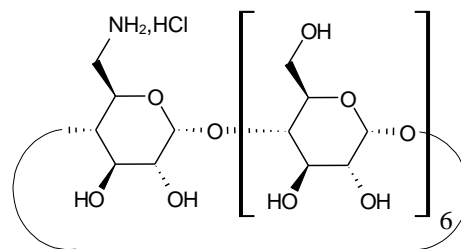
Formula :  $C_{42}H_{69}N_3O_{34}$  MW : 1160



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

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

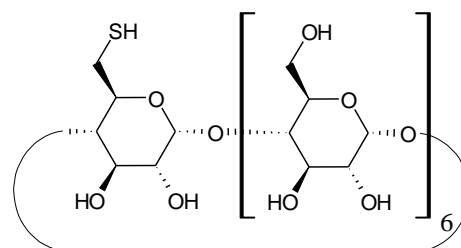
Formula :  $C_{42}H_{71}NO_{34}.HCl$  MW : 1170.46



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

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

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





### $\beta$ -Cyclodextrin & derivatives

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

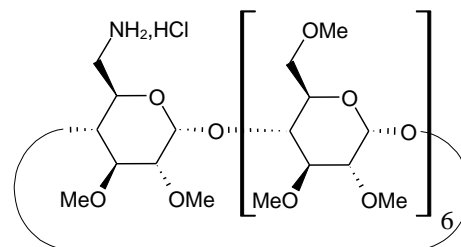
Cat. No : CDexB-082

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)- $\beta$ -Cyclodextrin  $\geq 98\%$

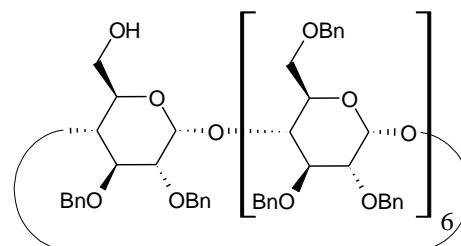
Cat. No : CDexB-054

CAS : -----

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

MW : 2937.44

Bn = benzyl



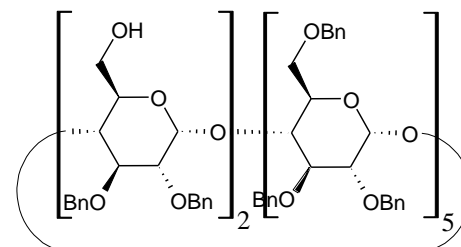
*A,D*-Di-(2,3-di-O-benzyl)-pentakis-(2,3,6-tri-O-benzyl)- $\beta$ -Cyclodextrin  $\geq 98\%$

Cat. No : CDexB-060

CAS : -----

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

MW : 2847.31



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\gamma$ -Cyclodextrin & derivatives

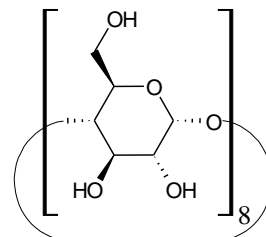
$\gamma$ -Cyclodextrin *Bio-Reagent*  $\geq 99\%$  (HPLC)

Cat. No : CDexG-000/BR

CAS : 17465-86-0

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

MW : 1297.12



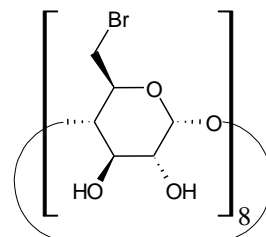
Octakis-(6-bromo-6-deoxy)- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-015

CAS : 53784-84-2

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

MW : 1800.30



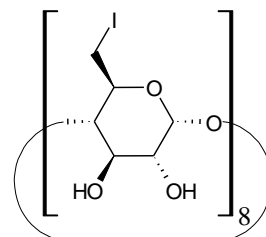
Octakis-(6-deoxy-6-iodo)- $\gamma$ -cyclodextrin  $\geq 97\%$

Cat. No : CDexG-016

CAS : 168296-33-1

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

MW : 2176.30



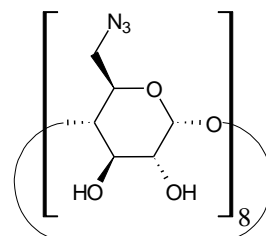
Octakis-(6-azido-6-deoxy)- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-011

CAS : - - - - -

Formula :  $C_{48}H_{72}N_8O_{32}$

MW : 1497.23



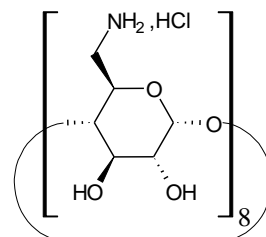
Octakis-(6-amino-6-deoxy)- $\gamma$ -Cyclodextrin  
octahydrochloride  $\geq 97\%$

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  $\geq 98\%$

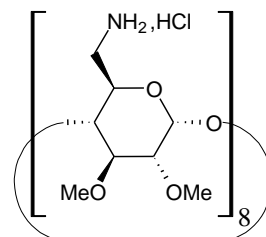
Cat. No : CDexG-021

CAS : - - - - -

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

MW : 1805.36

*Me = methyl*



# Cyclodextrin-Shop.com

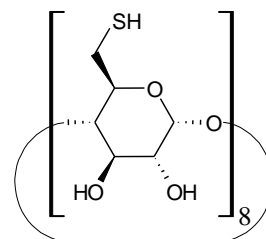
Cyclodextrins & derivatives

## $\gamma$ -Cyclodextrin & derivatives

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

Cat. No : CDexG-014  
Formula :  $C_{48}H_{80}O_{32}S_8$

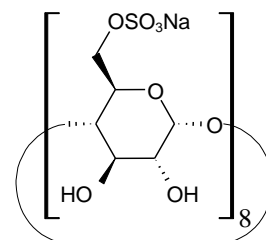
CAS : 180839-61-6  
MW : 1425.65



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

Cat. No : CDexG-063  
Formula :  $C_{48}H_{72}O_{64}S_8 \cdot 8Na$

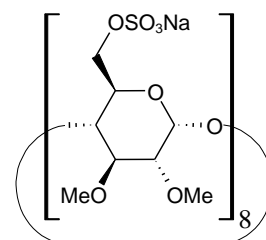
CAS : -----  
MW : 2113.48



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

Cat. No : CDexG-064  
Formula :  $C_{64}H_{104}O_{64}S_8 \cdot 8Na$   
*Me = methyl*

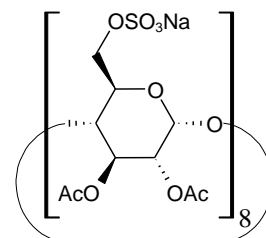
CAS : -----  
MW : 2337.91



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

Cat. No : CDexG-065  
Formula :  $C_{80}H_{104}O_{80}S_8 \cdot 8Na$   
*Ac = acetyl*

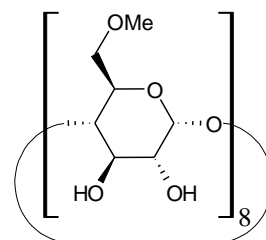
CAS : -----  
MW : 2786.07



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

Cat. No : CDexG-006  
Formula :  $C_{56}H_{96}O_{40}$   
*Me = methyl*

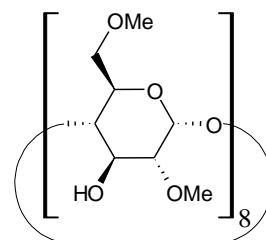
CAS : -----  
MW : 1409.34



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

Cat. No : CDexG-025  
Formula :  $C_{64}H_{112}O_{40}$   
*Me = methyl*

CAS : -----  
MW : 1521.55



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\gamma$ -Cyclodextrin & derivatives

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

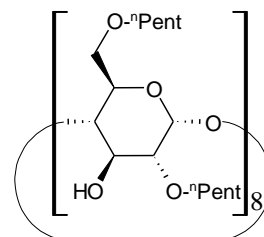
Cat. No : CDexG-028

CAS : -----

Formula : C<sub>128</sub>H<sub>240</sub>O<sub>40</sub>

MW : 2419.25

<sup>n</sup>Pent = pentyl



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

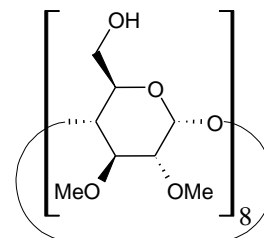
Cat. No : CDexG-017

CAS : -----

Formula : C<sub>64</sub>H<sub>112</sub>O<sub>40</sub>

MW : 1521.55

Me = methyl



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

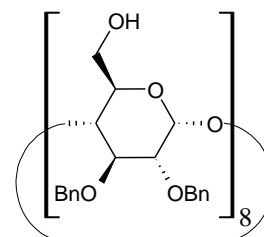
Cat. No : CDexG-019

CAS : -----

Formula : C<sub>160</sub>H<sub>176</sub>O<sub>40</sub>

MW : 2739.08

Bn = benzyl



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

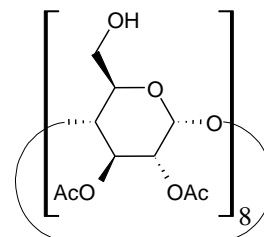
Cat. No : CDexG-020

CAS : -----

Formula : C<sub>80</sub>H<sub>112</sub>O<sub>56</sub>

MW : 1969.71

Ac = acetyl



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

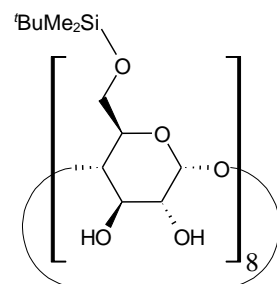
Cat. No : CDexG-009

CAS : -----

Formula : C<sub>96</sub>H<sub>192</sub>O<sub>40</sub>Si<sub>8</sub>

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  $\geq 98\%$

Cat. No : CDexG-039

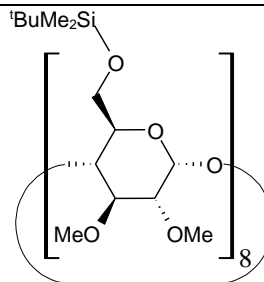
CAS : -----

Formula : C<sub>112</sub>H<sub>224</sub>O<sub>40</sub>Si<sub>8</sub>

MW : 2435.64

Me = methyl

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



### $\gamma$ -Cyclodextrin & derivatives

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

Cat. No : CDexG-041

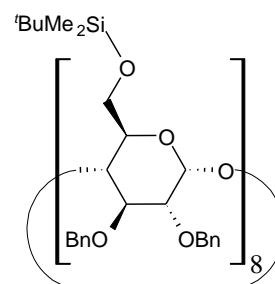
CAS : --- ---

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  $\geq 98\%$

Cat. No : CDexG-042

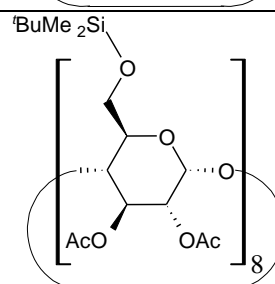
CAS : --- ---

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

MW : 2883.80

*Ac* = acetyl

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



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

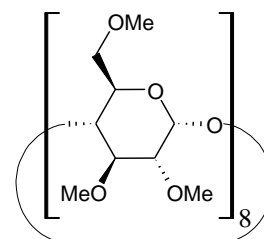
Cat. No : CDexG-032

CAS : --- ---

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

MW : 1633.76

*Me* = methyl



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

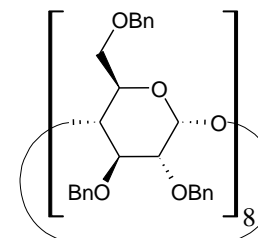
Cat. No : CDexG-035

CAS : --- ---

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

MW : 3460.06

*Bn* = benzyl



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

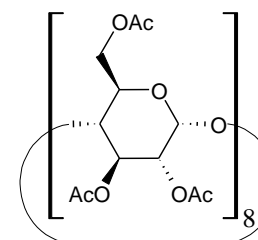
Cat. No : CDexG-036

CAS : 30786-38-0

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

MW : 2306

*Ac* = acetyl



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

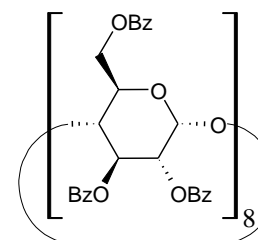
Cat. No : CDexG-038

CAS : --- ---

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

MW : 3795.67

*Bz* = benzoyl



### $\gamma$ -Cyclodextrin & derivatives

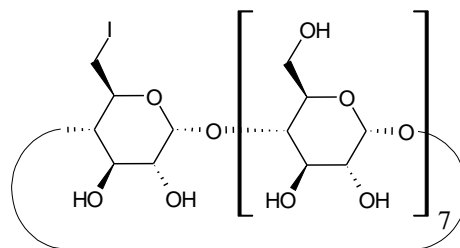
6-Monodeoxy-6-monoiodo- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-052

CAS : -----

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

MW : 1407.02



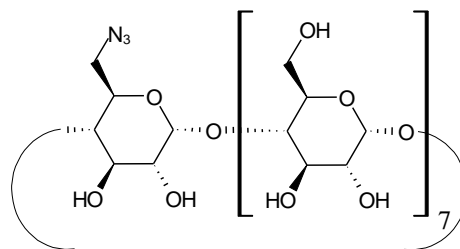
6-Monoazido-6-monodeoxy- $\gamma$ -Cyclodextrin  $\geq 97\%$

Cat. No : CDexG-067

CAS : -----

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

MW : 1322.14



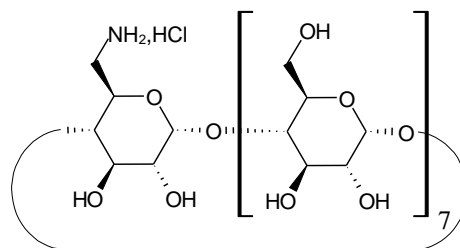
6-Monoamino-6-monodeoxy- $\gamma$ -Cyclodextrin  
hydrochloride  $\geq 97\%$

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)- $\gamma$ -Cyclodextrin  $\geq 98\%$

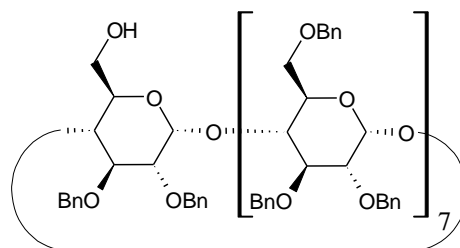
Cat. No : CDexG-054

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.

# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## $\alpha$ -Cyclodextrin derivatives

Carboxymethyl- $\alpha$ -Cyclodextrin sodium salt

CMACD; DS~3-5

Cat. No : CDexA-070

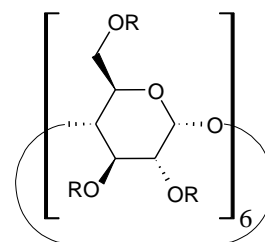
CAS : -----

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

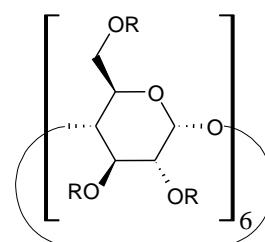
CAS : -----

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

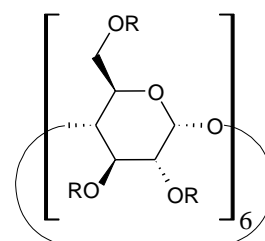
CAS : 699020-02-5

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

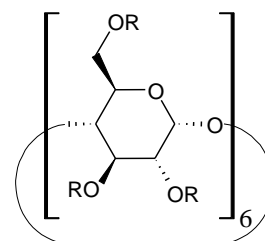
CAS : -----

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

MW :  $972.84 + n(14.03)$

$R = H$  or  $-CH_3$

$n \sim 10-12$



*n*-Butyl- $\alpha$ -Cyclodextrin

RANBACD; DS~3-5

Cat. No : CDexA-079

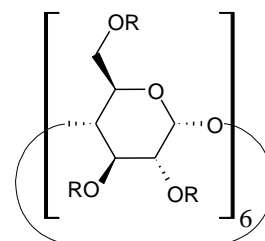
CAS : -----

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)- $\alpha$ -Cyclodextrin, Bio-Reagent

HPACD; DS~3.5-5.5

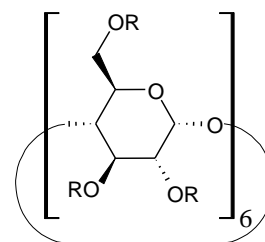
Cat. No : CDexA-075

CAS : 128446-33-3

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

Average MW : ~1180

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





# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

## β-Cyclodextrin derivatives

Carboxymethyl-β-Cyclodextrin sodium salt

CMBCD; DS~3-5

Cat. No : CDexB-070

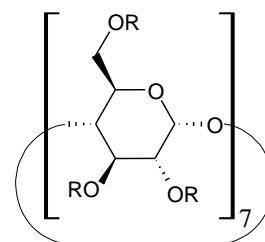
CAS : 218269-34-2

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

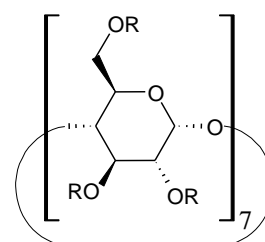
CAS : 957494-34-7

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

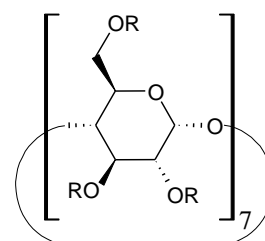
CAS : 37191-69-8

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

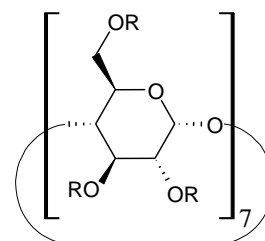
CAS : 182410-00-0

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%

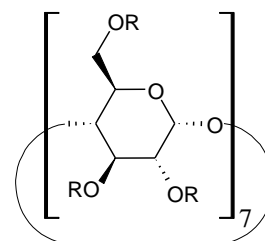
Cat. No : CDexB-077

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

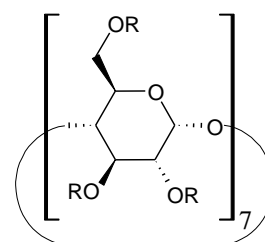
Cat. No : CDexB-076/BR

CAS : 128446-36-6

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

Average MW : ~1311

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



## $\beta$ -Cyclodextrin derivatives

*n*-Butyl- $\beta$ -Cyclodextrin

RANBBCD; DS~3-5

Cat. No : CDexB-079

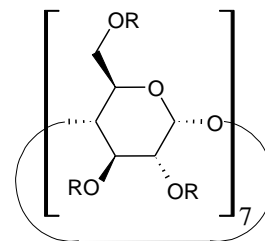
Formula :  $C_{42}H_{70-n}O_{35} \cdot (C_4H_9)_n$

*R* = H or -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>3</sub>

CAS : -----

MW : 1134.98 + n(56.11)

*n*~3-5



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

HPBCD; DS~3.5-5.5

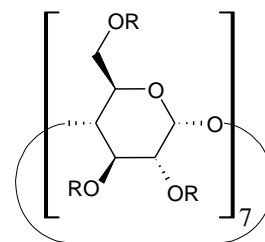
Cat. No : CDexB-075/BR

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

*R* = H or -CH<sub>2</sub>-CHOH-CH<sub>3</sub>

CAS : 128446-35-5

Average MW : ~1380



# Cyclodextrin-Shop.com

Cyclodextrins & derivatives

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

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

Cat. No : CDexG-070

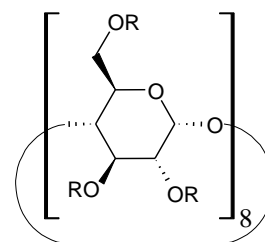
CAS : -----

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

MW :  $1297.12 + n(80.02)$

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

$n \sim 3-5$



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

Cat. No : CDexG-071

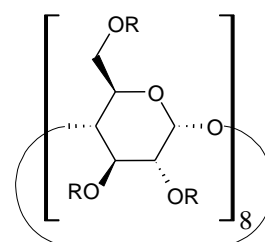
CAS : -----

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

MW :  $1297.12 + n(100.07)$

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

$n \sim 3-5$



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

Cat. No : CDexG-073

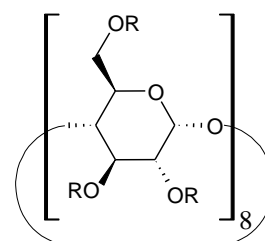
CAS : -----

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

MW :  $1297.12 + n(102.04)$

$R = H$  or  $-SO_3Na$

$n \sim 13-15$



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

Cat. No : CDexG-076

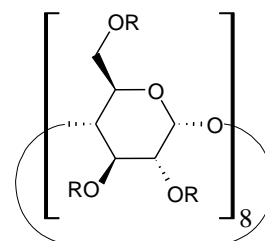
CAS : -----

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

MW :  $1297.12 + n(14.03)$

$R = H$  or  $-CH_3$

$n \sim 13-16$



*n*-Butyl- $\gamma$ -Cyclodextrin  
RANBGCD; DS~3-5

Cat. No : CDexG-079

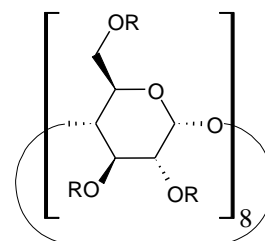
CAS : -----

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)- $\gamma$ -Cyclodextrin Bio-Reagent  
HPGCD; DS~3-6

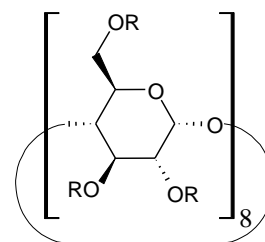
Cat. No : CDexG-075

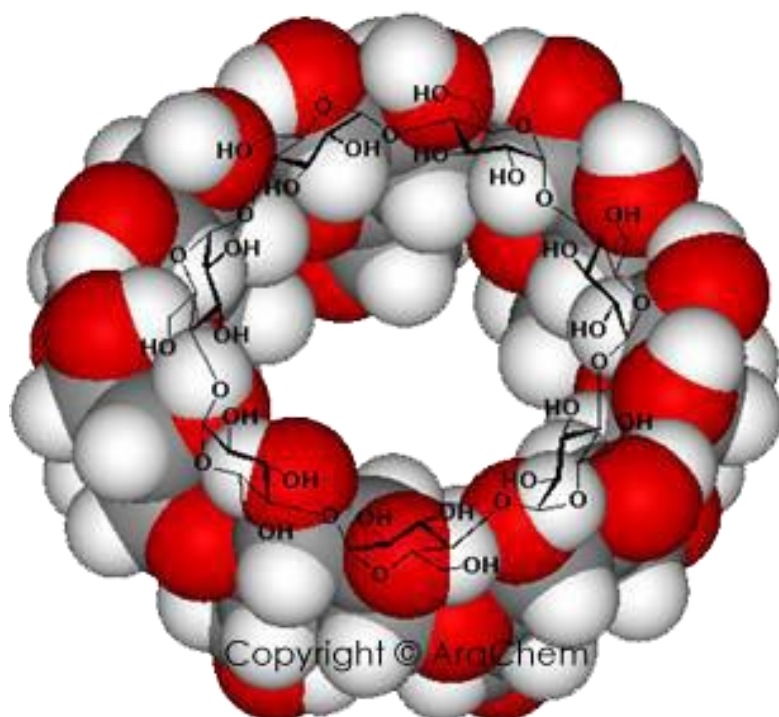
CAS : 128446-34-4

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](mailto:request@cyclodextrin-shop.com)