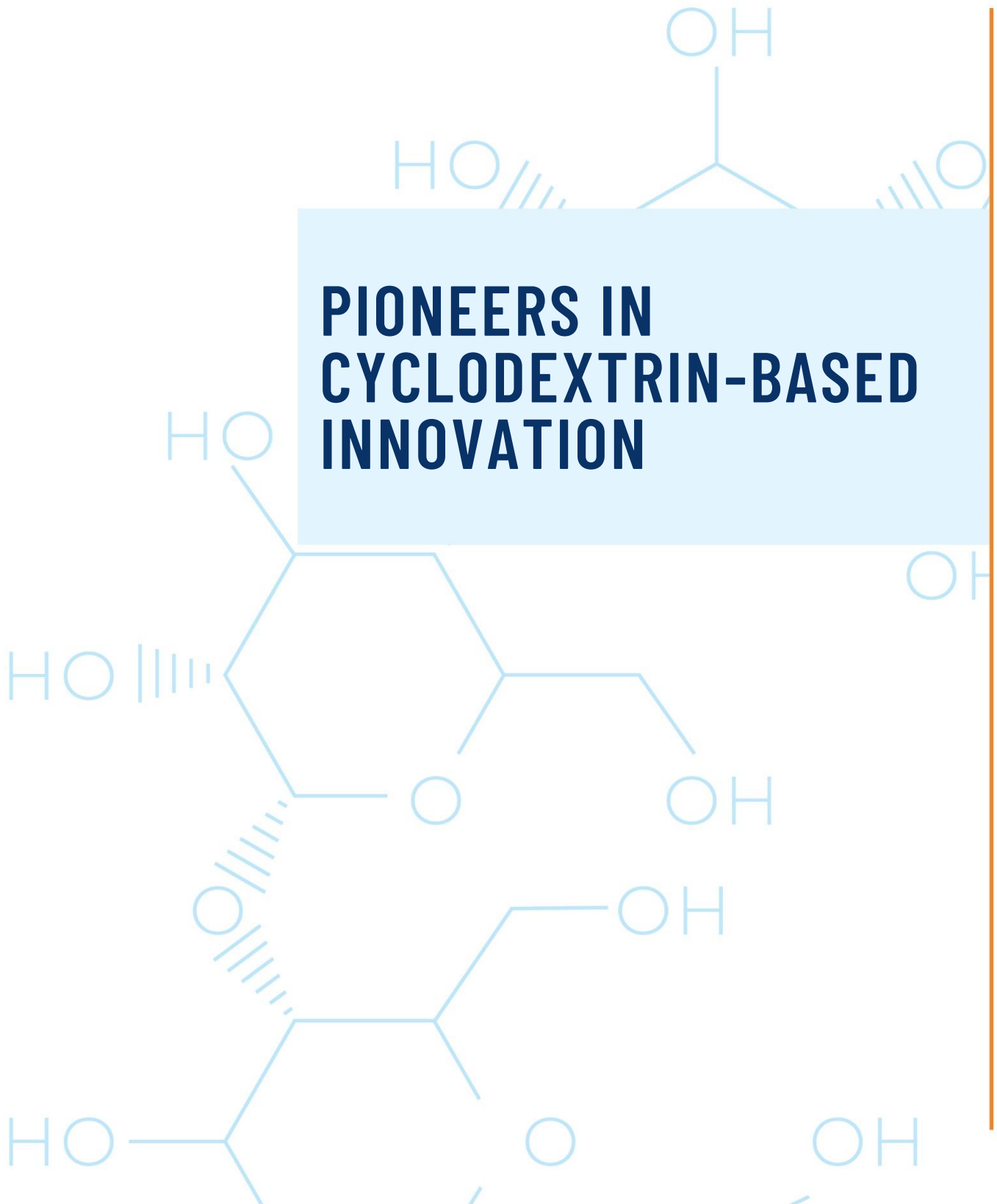




PIONEERS IN CYCLODEXTRIN-BASED INNOVATION



# PIONEERS IN CYCLODEXTRIN-BASED INNOVATION



Dear Customer,

Over the next pages you will find a range of cyclodextrin derivatives of different quality grades and target applications. Hereby, we would like to provide some guidance and ideas what to expect of the products and why to use them. For updates, news and also to process orders, please visit [www.cyclolab.hu](http://www.cyclolab.hu). For any questions, you can always write to us at [info@cyclolab.hu](mailto:info@cyclolab.hu).

## Pharma grade cyclodextrins:

Among pharma grade CDs, we provide all seven kinds of cyclodextrins that are included in either USP, EP or JP or have ever been used in approved pharmaceutical products. This includes Cyclolab's own Betadex Sulfobutyl Ether Sodium (Dexolve™), manufactured with a proprietary technology. These are offered in kg quantities based on individual enquiries at [info@cyclolab.hu](mailto:info@cyclolab.hu). Should you require another CD type for pharma purposes, please contact us for details.

## Research grade cyclodextrins:

Among research grade CDs, we provide a wider range of cyclodextrin derivatives for R&D purposes, early phase industrial developments for pharma, food, cosmetic and household industries or raw materials for further derivatization (e.g. for Sugammadex) among other potential applications. Besides the seven pharma CDs, a great number of further derivatives are available in high purity. These are offered in kg quantities based on individual enquiries at [info@cyclolab.hu](mailto:info@cyclolab.hu). To discuss needs and proposals of unlisted CDs at kg scale, please contact us.

**CYCLOLAB R&D LAB. LTD.**

H-1097 BUDAPEST, ILLATOS ÚT 7.

TEL: +36 (1) 347 6070

E-MAIL: [info@cyclolab.hu](mailto:info@cyclolab.hu) WEB: [www.cyclolab.hu](http://www.cyclolab.hu)

## Fine chemical grade cyclodextrins:

## Non-ionic, anionic and cationic derivatives:

At Cyclolab you can find the widest portfolio worldwide of available cyclodextrin derivatives differing in type, number and position of substituents for your research purposes. The current catalogue contains only the most frequently asked products. If your needs require something not listed, please contact us at [info@cyclolab.hu](mailto:info@cyclolab.hu) to find out if we can prepare the CD you desire or have it on stock already.

## Single isomer CD derivatives:

Cyclolab also offers a great variety of single isomer CDs, ideal for sophisticated analytical purposes (e.g. enantioseparation) or to study the interaction between host and guest which is more troublesome with randomly substituted derivatives. Several single isomer derivatives are also included among non-ionic, anionic and cationic derivatives. Similarly, the current catalogue contains only the most frequently asked products, for specific needs, please contact us at [info@cyclolab.hu](mailto:info@cyclolab.hu).

## Fluorescent tagged derivatives:

A recently developed group of compounds includes to most traditional CDs tagged with different kind of fluorophores, ideal for diagnostic purposes or for tracing the route of CDs in in vitro, ex vivo and in vivo studies. Any kind of CD derivative can be prepared upon request in this manner. Fluorescent-tagged polymers are also available.

## Cyclodextrin polymers:

For formulation and industrial purposes, cyclodextrin polymers of different kinds and different charge are available. The products are CD monomers crosslinked with epichlorohydrin forming a web with complex forming ability which may be superior to the original CDs.

## Maltooligomers:

Maltooligomers are open ringed cyclodextrins, acyclic molecules having linear structure. These compounds may fit for interaction studies (including solubilization), analytical purposes or enzymatic studies.

## CD complexes:

Cyclolab prepares a great number of water soluble solid complexes of hardly soluble or insoluble active ingredients, fragrances, lipic acids, vitamins, carotenoids,

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pharmaceutical actives, etc. A short list of these are included in the catalogue, for any other specific guest to be encapsulated, please reach out to us for discussion at [info@cyclolab.hu](mailto:info@cyclolab.hu).

## HPLC columns:

Specific columns, designed for efficient separation and analysis of cyclodextrins particularly. The sophisticated combination of electrostatic and host-guest interaction yields an excellent separation of fractions differing in the number of substituents (separation of randomly substituted derivatives) or among the main product and its impurities (e.g. in case of single isomers to be used as APIs, like Sugammadex).

## Analytical standards:

Cyclolab offers secondary analytical standards for the cyclodextrins available as reference materials for pharmacopeia (alpha-, beta- gamma, hydroxypropyl-beta- and sulfobutyl-beta cyclodextrins) and primary standards for those that are not (methylated-beta-, hydroxypropyl-gamma-cyclodextrin and Sugammadex) along with a wide range of impurity standards for Sugammadex including intermediates.

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## Pharma grade cyclodextrins:

| Product code   | Product name  | Abbreviation | CAS no      | Price in EUR/g |
|----------------|---|--------------|-------------|----------------|
| <b>CODE 37</b> | Alpha-cyclodextrin                                    | ACD          | 10016-20-3  | Contact us!    |
| <b>CODE 33</b> | Beta-cyclodextrin                                     | BCD          | 7585-39-9   | Contact us!    |
| <b>CODE 36</b> | Gamma-cyclodextrin                                    | GCD          | 17465-86-0  | Contact us!    |
| <b>CODE 47</b> | Sulfobutylated beta-cyclodextrin sodium salt (DS~6.5) | SBECD        | 182410-00-0 | Contact us!    |
| <b>CODE 28</b> | (2-Hydroxypropyl)-gamma-cyclodextrin (DS~4.5)         | HPGCD        | 128446-34-4 | Contact us!    |
| <b>CODE 29</b> | Methyl-beta-cyclodextrin (DS~12)                      | RAMEB        | 128446-36-6 | Contact us!    |
| <b>CODE 27</b> | (2-Hydroxypropyl)-beta-cyclodextrin (DS~4.5)          | HPBCD        | 128446-35-5 | Contact us!    |

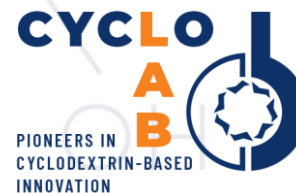


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## Research grade cyclodextrins:

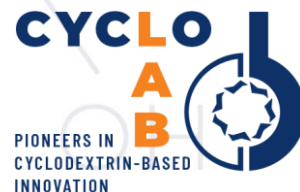
| Product code   | Product name  | Abbreviation     | CAS no      | Price in EUR/g |
|----------------|---|------------------|-------------|----------------|
| <b>CODE 37</b> | Alpha-cyclodextrin  | ACD              | 10016-20-3  | Contact us!    |
| <b>CODE 33</b> | Beta-cyclodextrin   | BCD              | 7585-39-9   | Contact us!    |
| <b>CODE 36</b> | Gamma-cyclodextrin  | GCD              | 17465-86-0  | Contact us!    |
| <b>CODE 47</b> | Sulfobutylated beta-cyclodextrin sodium salt (DS~6.5)                     | SBECD            | 182410-00-0 | Contact us!    |
| <b>CODE 28</b> | (2-Hydroxypropyl)-gamma-cyclodextrin (DS~4.5)                             | HPGCD            | 128446-34-4 | Contact us!    |
| <b>CODE 29</b> | Methyl-beta-cyclodextrin (DS~12)  | RAMEB            | 128446-36-6 | Contact us!    |
| <b>CODE 27</b> | (2-Hydroxypropyl)-beta-cyclodextrin (DS~4.5)                              | HPBCD            | 128446-35-5 | Contact us!    |
| <b>CODE 37</b> | Alpha-cyclodextrin  | ACD              | 10016-20-3  | Contact us!    |
| <b>CODE 33</b> | Beta-cyclodextrin   | BCD              | 7585-39-9   | Contact us!    |
| <b>CODE 36</b> | Gamma-cyclodextrin  | GCD              | 17465-86-0  | Contact us!    |
| <b>CODE 47</b> | Sulfobutylated beta-cyclodextrin sodium salt (DS~6.5) -<br>Research grade | SBECD            | 182410-00-0 | Contact us!    |
| <b>CODE 50</b> | Sulfobutylated beta-cyclodextrin sodium salt (DS~4)                       | SBECD4           | 182410-00-0 | Contact us!    |
| <b>CODE 41</b> | (2-Hydroxypropyl)-alpha-cyclodextrin (DS~4.5)                             | HPACD            | 99241-24-4  | Contact us!    |
| <b>CODE 27</b> | (2-Hydroxypropyl)-beta-cyclodextrin (DS~4.5)                              | HPBCD            | 128446-35-5 | Contact us!    |
| <b>CODE 38</b> | (2-Hydroxypropyl)-gamma-cyclodextrin (DS~4.5)                             | HPGCD            | 128446-34-4 | Contact us!    |
| <b>CODE 35</b> | Heptakis(2,6-di-O-methyl)-beta-cyclodextrin content ><br>35% (DS~14)      | DIMEB-50         | 51166-71-3  | Contact us!    |
| <b>CODE 34</b> | Heptakis(2,3,6-tri-O-methyl)-beta-cyclodextrin                            | TRIMEB           | 55216-11-0  | Contact us!    |
| <b>CODE 29</b> | Methyl-beta-cyclodextrin (DS~12)  | RAMEB            | 128446-36-6 | Contact us!    |
| <b>CODE 57</b> | Octakis(6-deoxy-6-chloro)-gamma-cyclodextrin                              | perClGCD, OClGCD | 173094-60-5 | Contact us!    |
| <b>CODE 51</b> | Octakis(6-deoxy-6-iodo)-gamma-cyclodextrin                                | perIGCD, OIGCD   | 168296-33-1 | Contact us!    |
| <b>CODE 52</b> | Octakis(6-deoxy-6-bromo)-gamma-cyclodextrin                               | perBrGCD, OBrGCD | 53784-84-2  | Contact us!    |

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## Fine chemical grade cyclodextrins (Non-ionic derivatives):

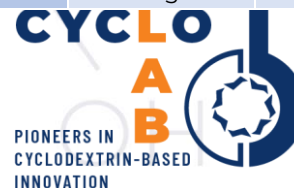
| Product Code | Product Name  | Abbreviation | CAS no      | Price in EUR/g |               |
|--------------|---|--------------|-------------|----------------|---------------|
| CY-1001      | Alpha-cyclodextrin  | ACD          | 10016-20-3  | 1-499 g        | <b>0,49</b>   |
|              |   |              |             | 500 g-         | <b>0,43</b>   |
| CY-2001      | Beta-cyclodextrin   | BCD          | 7585-39-9   | 1-499 g        | <b>0,11</b>   |
|              |   |              |             | 500 g-         | <b>0,07</b>   |
| CY-3001      | Gamma-cyclodextrin  | GCD          | 17465-86-0  | 1-99 g         | <b>1,21</b>   |
|              |   |              |             | 100-499 g      | <b>0,95</b>   |
|              |   |              |             | 500 g-         | <b>0,63</b>   |
| CY-2002.1    | Acetyl-beta-cyclodextrin (DS~7)                                   | AcBCD        |             | 1-9 g          | <b>30,03</b>  |
|              |   |              |             | 10-24 g        | <b>22,58</b>  |
|              |   |              |             | 25 g-          | <b>15,02</b>  |
| CY-2004.0    | Heptakis(2,6-di-O-methyl)-beta-cyclodextrin content > 35% (DS~14) | DIMEB-50     | 51166-71-3  | 1 g-           | <b>58</b>     |
| CY-2004.3    | Heptakis(2,6-di-O-methyl)-beta-cyclodextrin content ~95% (DS~14)  | DIMEB-95     | 51166-71-3  | 1-4 g          | <b>151,20</b> |
|              |   |              |             | 5-9 g          | <b>191,84</b> |
|              |   |              |             | 10 g-          | <b>122,43</b> |
| CY-1004.1    | Methyl-alpha-cyclodextrin (DS ~ 11)                               | RAMEA        |             | 1-9 g          | <b>43,43</b>  |
|              |   |              |             | 10-24 g        | <b>38,43</b>  |
|              |   |              |             | 25 g-          | <b>29,90</b>  |
| CY-2004.1    | Methyl-beta-cyclodextrin (DS~12)                                  | RAMEB        | 128446-36-6 | 1-49 g         | <b>4,57</b>   |
|              |   |              |             | 50-99 g        | <b>3,31</b>   |
|              |   |              |             | 100 g-         | <b>3,15</b>   |
| CY-3004.1    | Methyl-gamma-cyclodextrin (DS ~ 12)                               | RAMEG        |             | 1-9 g          | <b>77,62</b>  |
|              |   |              |             | 10-24 g        | <b>66,71</b>  |
|              |   |              |             | 25 g-          | <b>53,36</b>  |
| CY-1005.2    | (2-Hydroxypropyl)-alpha-cyclodextrin (DS~4.5)                     | HPACD        | 99241-24-4  | 1-49 g         | <b>4,69</b>   |
|              |   |              |             | 50-99 g        | <b>4,07</b>   |
|              |   |              |             | 100 g-         | <b>3,47</b>   |
| CY-2005.2    | (2-Hydroxypropyl)-beta-cyclodextrin (DS~4.5)                      | HPBCD        | 128446-35-5 | 1-49 g         | <b>2,38</b>   |
|              |   |              |             | 50-99 g        | <b>1,98</b>   |
|              |   |              |             | 100 g-         | <b>1,60</b>   |
| Product Code | Product Name  | Abbreviation | CAS no      | Price in EUR/g |               |
| CY-2003      | Heptakis(2,3,6-tri-O-methyl)-beta-cyclodextrin                    | TRIMEB       | 55216-11-0  | 1-4 g          | <b>54,29</b>  |
|              |   |              |             | 5-9 g          | <b>49,61</b>  |
|              |   |              |             | 10-24 g        | <b>44,84</b>  |
|              |   |              |             | 25 g-          | <b>38,12</b>  |

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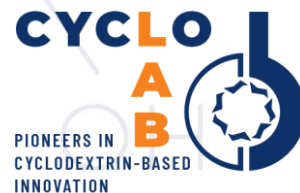
|                  |   |            |             |         |                |
|------------------|---|------------|-------------|---------|----------------|
| <b>CY-2018</b>   | Heptakis(2,3,6-tri-O-benzoyl)-beta-cyclodextrin | TRIBenzBCD | 23666-43-5  | 1-5 g   | <b>115,76</b>  |
|                  |   |            |             | 5-10g   | <b>90,41</b>   |
|                  |   |            |             | 11-50 g | <b>76,07</b>   |
| <b>CY-2050</b>   | 6-Monodeoxy-6-monoazido-beta-cyclodextrin       | MoAZBCD    |             | 1-4 g   | <b>255,36</b>  |
|                  |   |            |             | 5 g-    | <b>240,45</b>  |
| <b>CY-2051</b>   | 6-Monodeoxy-6-monoiodo-beta-cyclodextrin        | MoIBCD     |             | 1-2 g   | <b>290,85</b>  |
|                  |   |            |             | 3 g-    | <b>210,84</b>  |
| <b>CY-3005.2</b> | (2-Hydroxypropyl)-gamma-cyclodextrin (DS~4.5)   | HPGCD      | 128446-34-4 | 1-49 g  | <b>5,88</b>    |
|                  |   |            |             | 50-99 g | <b>5,09</b>    |
|                  |   |            |             | 100 g-  | <b>4,11</b>    |
| <b>CY-3061</b>   | Octakis(6-deoxy-6-bromo)-gamma-cyclodextrin     | OBrGCD     | 53784-84-2  | 1-49 g  | <b>80,26</b>   |
|                  |   |            |             | 50 g-   | <b>72,99</b>   |
| <b>CY-3062</b>   | Octakis(6-deoxy-6-iodo)-gamma-cyclodextrin      | OIGCD      | 168296-33-1 | 1-49 g  | <b>80,26</b>   |
|                  |   |            |             | 50 g-   | <b>72,99</b>   |
| <b>CY-3204</b>   | Octakis(6-deoxy-6-chloro)-gamma-cyclodextrin    | OCIGCD     | 173094-60-5 | 1-49 g  | <b>80,26</b>   |
|                  |   |            |             | 50 g-   | <b>72,99</b>   |
| <b>CY-2059</b>   | 6-Monodeoxy-6-monothio-beta-cyclodextrin        | MoThBCD    |             | 1g      | <b>2158,70</b> |
|                  |   |            |             | 2g      | <b>2050,65</b> |
|                  |   |            |             | 10 g-   | <b>1942,61</b> |
| <b>CY-2075</b>   | Heptakis(6-deoxy-6-azido)-beta-cyclodextrin     | HAzBCD     |             | 1-4 g   | <b>132,30</b>  |
|                  |   |            |             | 5-24 g  | <b>118,65</b>  |
|                  |   |            |             | 25 g-   | <b>106,05</b>  |

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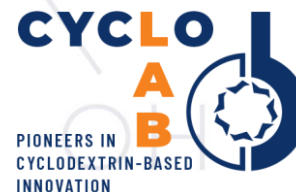
| Product Code   | Product Name   | Abbrevitation | CAS no     |         | Price in EUR/g |
|----------------|--|---------------|------------|---------|----------------|
| <b>CY-2021</b> | 6-Mono-O-(p-toluenesulfonyl)-beta-cyclodextrin                         | MoTsBCD       | 67217-55-4 | 1 g-    | <b>61,95</b>   |
| <b>CY-2053</b> | 6-Monodeoxy-6-monobromo-beta-cyclodextrin                              | MoBrBCD       |            | 1-4 g   | <b>595,35</b>  |
|                |  |               |            | 5-24 g  | <b>535,82</b>  |
|                |  |               |            | 25 g-   | <b>476,28</b>  |
| <b>CY-2204</b> | Heptakis(6-deoxy-6-chloro)-beta-cyclodextrin                           | HCIBCD        |            | 1-4 g   | <b>99,23</b>   |
|                |  |               |            | 5-24 g  | <b>89,30</b>   |
|                |  |               |            | 25 g-   | <b>79,38</b>   |
| <b>CY-2061</b> | Heptakis(6-deoxy-6-bromo)-beta-cyclodextrin                            | HBrBCD        | 53784-83-1 | 1-4 g   | <b>99,23</b>   |
|                |  |               |            | 5-24 g  | <b>89,30</b>   |
|                |  |               |            | 25 g-   | <b>79,38</b>   |
| <b>CY-2062</b> | Heptakis(6-deoxy-6-iodo)-beta-cyclodextrin                             | HIBCD         | 30754-23-5 | 1-4 g   | <b>99,23</b>   |
|                |  |               |            | 5-24 g  | <b>89,30</b>   |
|                |  |               |            | 25 g-   | <b>79,38</b>   |
| <b>CY-2217</b> | 6-Monodeoxy-6-monoazido-6-mono-O-(p-toluenesulfonyl)-beta-cyclodextrin | -             |            | 1-4 g   | <b>413,70</b>  |
|                |  |               |            | 5-24 g  | <b>372,12</b>  |
|                |  |               |            | 25 g-   | <b>330,75</b>  |
| <b>CY-2224</b> | Heptakis(6-deoxy-6-thio)-beta-cyclodextrin                             | HThBCD        |            | 1-9 g   | <b>215,04</b>  |
|                |  |               |            | 10-24 g | <b>204,02</b>  |
|                |  |               |            | 25 g-   | <b>183,02</b>  |

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## Fine chemical grade cyclodextrins (Anionic derivatives):

| Product Code | Product Name   | Abbreviation | CAS no      |         | Price in EUR/g |
|--------------|--|--------------|-------------|---------|----------------|
| CY-1006.0    | Carboxymethyl-alpha-cyclodextrin sodium salt (DS~3.5)    | CMACD        |             | 1-9 g   | 36,12          |
|              |  |              |             | 10-24 g | 30,14          |
|              |  |              |             | 25 g-   | 24,05          |
| CY-2006.0    | Carboxymethyl-beta-cyclodextrin sodium salt (DS~3.5)     | CMBCD        |             | 1-9 g   | 30,03          |
|              |  |              |             | 10-24 g | 22,58          |
|              |  |              |             | 25 g-   | 18,00          |
| CY-3006.0    | Carboxymethyl-gamma-cyclodextrin sodium salt (DS~3.5)    | CMGCD        |             | 1-9 g   | 44,98          |
|              |  |              |             | 10-24 g | 33,90          |
|              |  |              |             | 25 g-   | 26,99          |
| CY-1007.0    | Succinyl-alpha-cyclodextrin (DS~3.5)                     | SuACD        |             | 1-9 g   | 104,96         |
|              |  |              |             | 10 g-   | 90,18          |
| CY-2007.0    | Succinyl-beta-cyclodextrin (DS~3.5)                      | SuBCD        |             | 1-9 g   | 54,02          |
|              |  |              |             | 10 g-   | 51,27          |
| CY-3007.0    | Succinyl-gamma-cyclodextrin (DS~3.5)                     | SuGCD        |             | 1-9 g   | 82,47          |
|              |  |              |             | 10 g-   | 75,08          |
| CY-1012.0    | (2-Carboxyethyl)-alpha-cyclodextrin (DS~3)               | CEACD        |             | 1-9 g   | 48,09          |
|              |  |              |             | 10 g-   | 41,27          |
| CY-2012.0    | (2-Carboxyethyl)-beta-cyclodextrin sodium salt (DS~3.5)  | CEBCD        |             | 1-9 g   | 38,47          |
|              |  |              |             | 10-19 g | 33,01          |
|              |  |              |             | 20 g-   | 37,17          |
| CY-3012.0    | (2-Carboxyethyl)-gamma-cyclodextrin sodium salt (DS~3.5) | CEGCD        |             | 1-9 g   | 72,14          |
|              |  |              |             | 10-19 g | 61,85          |
|              |  |              |             | 20 g-   | 55,76          |
| CY-1017.1    | Alpha-cyclodextrin phosphate sodium salt (DS~2-6)        | PACD26       | 199684-60-1 | 1-2 g   | 164,43         |
|              |  |              |             | 3 g-    | 143,98         |
| CY-2017.1    | Beta-cyclodextrin phosphate sodium salt (DS~2-6)         | PBCD26       | 199684-61-2 | 1-2g    | 157,66         |
|              |  |              |             | 3 g-    | 119,95         |
| CY-3017.1    | Gamma-cyclodextrin phosphate sodium salt (DS~2-6)        | PGCD26       | 199684-62-3 | 1-2 g   | 237,30         |
|              |  |              |             | 3 g-    | 231,00         |

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| Product Code     | Product Name   | Abbreviation | CAS no      | Price in EUR/g |               |
|------------------|--|--------------|-------------|----------------|---------------|
| <b>CY-2041.1</b> | Sulfobutylated beta-cyclodextrin sodium salt (DS~4)  | SBECD4       | 182410-00-0 | 1-24 g         | <b>42,21</b>  |
|                  |  |              |             | 25 g-          | <b>29,40</b>  |
| <b>CY-2041.2</b> | Sulfobutylated beta-cyclodextrin sodium salt (DS~6)  | SBECD        | 182410-00-0 | 1-24 g         | <b>6,93</b>   |
|                  |  |              |             | 25 g-          | <b>5,04</b>   |
| <b>CY-2041.3</b> | Sulfobutylated beta-cyclodextrin sodium salt (DS~10) | SBECD10      | 182410-00-0 | 1-24 g         | <b>42,21</b>  |
|                  |  |              |             | 25 g-          | <b>29,40</b>  |
| <b>CY-1045</b>   | Alpha-cyclodextrin sulfate sodium salt (DS~12)       | SACD         | 699020-02-5 | 1-4 g          | <b>188,58</b> |
|                  |  |              |             | 5 g-           | <b>165,38</b> |
| <b>CY-2045</b>   | Beta-cyclodextrin sulfate sodium salt (DS~13)        | SBCD         | 37191-69-8  | 1-4 g          | <b>115,82</b> |
|                  |  |              |             | 5 g-           | <b>88,62</b>  |
| <b>CY-3045</b>   | Gamma-cyclodextrin sulfate sodium salt (DS~14)       | SGCD         |             | 1-4 g          | <b>217,25</b> |
|                  |  |              |             | 5 g-           | <b>173,78</b> |

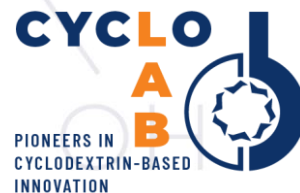


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TEL: +36 (1) 347 6070

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## Fine chemical grade cyclodextrins (Cationic derivatives):

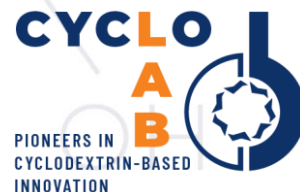
| Product Code | Product Name  | Abbreviation | CAS no     | Price in EUR/g |               |
|--------------|---|--------------|------------|----------------|---------------|
| CY-2024      | 6-Monodeoxy-6-monoamino-beta-cyclodextrin hydrochloride   | MoAMBCD      | 29390-67-8 | 1-4 g          | <b>496,13</b> |
|              |   |              |            | 5-9 g          | <b>330,75</b> |
|              |   |              |            | 10 g-          | <b>281,19</b> |
| CY-2065      | Heptakis(6-deoxy-6-amino)-beta-cyclodextrin heptahydrochloride  | HABCD        |            | 1-4 g          | <b>336,32</b> |
|              |   |              |            | 5-9 g          | <b>253,58</b> |
|              |   |              |            | 10 g-          | <b>228,27</b> |
| CY-3065      | Octakis(6-deoxy-6-amino)-gamma-cyclodextrin octahydrochloride   | OAGCD        |            | 1-4 g          | <b>336,32</b> |
|              |   |              |            | 5 g-           | <b>253,58</b> |
| CY-1099      | (2-Hydroxy-3-N,N,N-trimethylamino)propyl-alpha-cyclodextrin chloride                                  | QAACD        |            | 1-9 g          | <b>23,81</b>  |
|              |   |              |            | 10-24 g        | <b>22,75</b>  |
|              |   |              |            | 25 g-          | <b>19,40</b>  |
| CY-2099      | (2-Hydroxy-3-N,N,N-trimethylamino)propyl-beta-cyclodextrin chloride                                   | QABCD        |            | 1-9 g          | <b>24,05</b>  |
|              |   |              |            | 10-24 g        | <b>22,05</b>  |
|              |   |              |            | 25 g-          | <b>19,85</b>  |
| CY-3099      | (2-Hydroxy-3-N,N,N-trimethylamino)propyl-gamma-cyclodextrin chloride                                  | QAGCD        |            | 1-9 g          | <b>29,82</b>  |
|              |   |              |            | 10-24 g        | <b>27,62</b>  |
|              |   |              |            | 25 g-          | <b>24,26</b>  |
| CY-2055      | Heptakis(2,3-di-O-methyl)-hexakis(6-O-methyl)-6-monodeoxy-6-monoamino-beta-cyclodextrin hydrochloride | PMMABCD      |            | 1-4 g          | <b>744,24</b> |
|              |   |              |            | 5-24 g         | <b>669,80</b> |
|              |   |              |            | 25 g-          | <b>595,35</b> |
| CY-2056      | 6-Monodeoxy-6-monoamino-random-methyl-beta-cyclodextrin hydrochloride                                 |              |            | 1-4 g          | <b>314,27</b> |
|              |   |              |            | 5-24 g         | <b>282,77</b> |
|              |   |              |            | 25 g-          | <b>251,37</b> |

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TEL: +36 (1) 347 6070

E-MAIL: [info@cyclolab.hu](mailto:info@cyclolab.hu) WEB: [www.cyclolab.hu](http://www.cyclolab.hu)



## Fine chemical grade cyclodextrins (Single isomer CD derivatives):

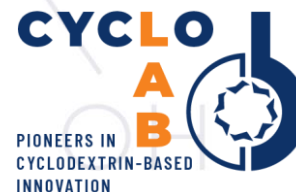
| Product Code   | Product Name   | Abbreviation | CAS no      | Price in EUR/g |               |
|----------------|--|--------------|-------------|----------------|---------------|
| <b>CY-1202</b> | Hexakis(2,3-di-O-methyl-6-sulfo)-alpha-cyclodextrin sodium salt                | HDMSACD      |             | 1-9 g          | <b>255,15</b> |
|                |  |              |             | 10 g-          | <b>231,53</b> |
| <b>CY-2066</b> | Heptakis(2,3-di-O-methyl-6-deoxy-6-amino)-beta-cyclodextrin heptahydrochloride | -            |             | 1-4 g          | <b>535,92</b> |
|                |  |              |             | 5 g-           | <b>482,90</b> |
| <b>CY-2076</b> | Heptakis(2,3-di-O-methyl-6-deoxy-6-azido)-beta-cyclodextrin                    | -            |             | 1-4 g          | <b>205,80</b> |
|                |  |              |             | 5-24 g         | <b>186,38</b> |
|                |  |              |             | 25 g-          | <b>165,38</b> |
| <b>CY-2200</b> | Heptakis(6-sulfo)-beta-cyclodextrin sodium salt                                | HSBCD        | 197587-31-8 | 1-9 g          | <b>291,06</b> |
|                |  |              |             | 10 g-          | <b>264,60</b> |
| <b>CY-2201</b> | Heptakis(2,3-di-O-acetyl-6-sulfo)-beta-cyclodextrin sodium salt                | HDASBCD      | 196398-66-0 | 1-9 g          | <b>236,46</b> |
|                |  |              |             | 10 g-          | <b>214,99</b> |
| <b>CY-2202</b> | Heptakis(2,3-di-O-methyl-6-sulfo)-beta-cyclodextrin sodium salt                | HDMSBCD      | 201346-23-8 | 1-9 g          | <b>236,46</b> |
|                |  |              |             | 10 g-          | <b>214,99</b> |
| <b>CY-3202</b> | Octakis(2,3-di-O-methyl-6-sulfo)-gamma-cyclodextrin sodium salt                | ODMSGCD      |             | 1-9 g          | <b>255,15</b> |
|                |  |              |             | 10 g-          | <b>231,53</b> |

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E-MAIL: [info@cyclolab.hu](mailto:info@cyclolab.hu) WEB: [www.cyclolab.hu](http://www.cyclolab.hu)



## Fine chemical grade cyclodextrins (Fluorescent tagged derivatives):

| Product Code | Product Name   | Abbreviation   | CAS no | Price in EUR/g |               |
|--------------|--|----------------|--------|----------------|---------------|
| CY-F-2001    | 6-deoxy-6-[(5/6)-fluoresceinylthioureido]-BCD  | FITC-NH-BCD    |        | 1-10 mg        | <b>30,10</b>  |
|              |  |                |        | 11-25 mg       | <b>27,38</b>  |
|              |  |                |        | 26 mg-         | <b>24,92</b>  |
| CY-F-2004.1  | 6-deoxy-6-[(5/6)-fluoresceinylthioureido]-RAMEB  | FITC-NH-RAMEB  |        | 1-10 mg        | <b>39,06</b>  |
|              |  |                |        | 11-25 mg       | <b>35,42</b>  |
|              |  |                |        | 26 mg-         | <b>32,24</b>  |
| CY-F-2005.1  | 6-deoxy-6-[(5/6)-fluoresceinylthioureido]-HPBCD  | FITC-NH-HPBCD  |        | 1-10 mg        | <b>83,48</b>  |
|              |  |                |        | 11-25 mg       | <b>75,81</b>  |
|              |  |                |        | 26 mg-         | <b>68,99</b>  |
| CY-F-2006.0  | 6-deoxy-6-[(5/6)-fluoresceinylthioureido]-CMBCD sodium salt  | FITC-NH-CMBCD  |        | 1 mg-          | <b>98,12</b>  |
| CY-R-2001    | 6-deoxy-6-[(5/6)-rhodaminylthioureido]-BCD   | RBITC-NH-BCD   |        | 1 mg-          | <b>32,66</b>  |
| CY-R-2004.1  | 6-deoxy-6-[(5/6)-rhodaminylthioureido]-RAMEB   | RBITC-NH-RAMEB |        | 1 mg-          | <b>48,09</b>  |
| CY-R-2005.1  | 6-deoxy-6-[(5/6)-rhodaminylthioureido]-HPBCD   | RBITC-NH-HPBCD |        | 1 mg-          | <b>105,21</b> |
| CY-RL-2041.2 | Rhodamine labeled sulfobutylated-BCD sodium salt, DS~6.5 for SB, rhodamine labeled SBECD content ~1% |                |        | 1 mg-          | <b>0,32</b>   |

## Fine chemical grade cyclodextrins (Fluorescent tagged polymers):

| Product Code | Product Name   | Abbreviation | CAS no | Price in EUR/g |                |
|--------------|--|--------------|--------|----------------|----------------|
| CY-RL-2009   | Rhodamine labeled BCD soluble polymer crosslinked with epichlorohydrin         |              |        | 1 g-           | <b>2171,93</b> |
| CY-RL-2009.1 | Rhodamine labeled amino-BCD soluble polymer crosslinked with epichlorohydrin   |              |        | 1 g-           | <b>2579,85</b> |
| CY-FL-2009   | Fluorescein labeled BCD soluble polymer crosslinked with epichlorohydrin       |              |        | 1 g-           | <b>1752,98</b> |
| CY-FL-2009.1 | Fluorescein labeled amino-BCD soluble polymer crosslinked with epichlorohydrin |              |        | 1 g-           | <b>2491,65</b> |

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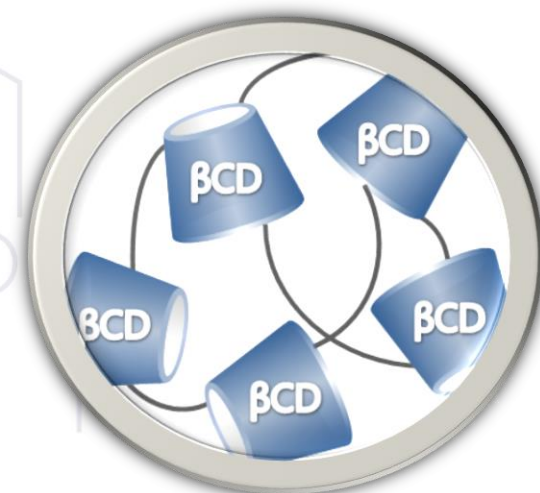
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## Fine chemical grade cyclodextrins (Cyclodextrin polymers):

| Product Code | Product Name   | Abbreviation | CAS no | Price in EUR/g |             |
|--------------|--|--------------|--------|----------------|-------------|
| CY-1009      | Soluble alpha-cyclodextrin polymer crosslinked with epichlorohydrin        | ACDPS        |        | 1-24 g         | 19,53       |
|              |  |              |        | 25-49 g        | 15,02       |
|              |  |              |        | 50 g-          | 13,55       |
| CY-2009      | Soluble beta-cyclodextrin polymer crosslinked with epichlorohydrin         | BCDPS        |        | 1 g            | 16,00       |
|              |  |              |        | 2 g-           | contact us! |
| CY-3009      | Soluble gamma-cyclodextrin polymer crosslinked with epichlorohydrin        | GCDPS        |        | 1-9 g          | 45,15       |
|              |  |              |        | 10-24 g        | 37,80       |
|              |  |              |        | 25 g-          | 24,05       |
| CY-2010      | Soluble carboxymethyl-beta-cyclodextrin polymer                            | BCDPSI       |        | 1-24 g         | 33,08       |
|              |  |              |        | 25-49 g        | 27,43       |
|              |  |              |        | 50 g-          | 23,42       |
| CY-2231      | Soluble (2-Hydroxy-3-N,N,N-trimethylamino)propyl-beta-cyclodextrin polymer | QABCDPS      |        | 1-9 g          | 178,61      |
|              |  |              |        | 10-24 g        | 158,76      |
|              |  |              |        | 25 g-          | 148,84      |
| CY-2232      | Soluble sulfobutylated-beta-cyclodextrin polymer                           | SBEBDPS      |        | 1-9 g          | 178,61      |
|              |  |              |        | 10-24 g        | 158,76      |
|              |  |              |        | 25 g-          | 148,84      |



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TEL: +36 (1) 347 6070

E-MAIL: [info@cyclolab.hu](mailto:info@cyclolab.hu) WEB: [www.cyclolab.hu](http://www.cyclolab.hu)



## Fine chemical grade cyclodextrins (Maltooligomers):

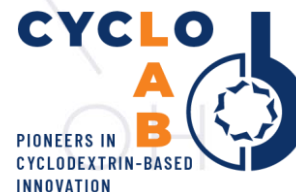
| Product Code   | Product Name                              | Abbrevitation | CAS no     |       | Price in EUR/g |
|----------------|---|---------------|------------|-------|----------------|
| <b>CY-4002</b> | Maltohexaose, anomeric mixture            | G6            | 34620-77-4 | 1 g-  | <b>350,70</b>  |
| <b>CY-4004</b> | Maltoheptaose, anomeric mixture           | G7            | 34620-78-5 | 1 g-  | <b>350,70</b>  |
| <b>CY-4006</b> | Maltooctaose, anomeric mixture            | G8            | 6156-84-9  | 1 g-  | <b>350,70</b>  |
| <b>CY-4001</b> | Peracetyl maltohexaose, anomeric mixture  | AcG6          |            | 1-9 g | <b>37,70</b>   |
|                |   |               |            | 10 g- | <b>30,14</b>   |
|                |   |               |            | 25 g- | <b>26,46</b>   |
| <b>CY-4003</b> | Peracetyl maltoheptaose, anomeric mixture | AcG7          |            | 1-9 g | <b>37,70</b>   |
|                |   |               |            | 10 g- | <b>30,14</b>   |
|                |   |               |            | 25 g- | <b>26,46</b>   |
| <b>CY-4005</b> | Peracetyl maltooctaose, anomeric mixture  | AcG8          |            | 1-9 g | <b>37,70</b>   |
|                |   |               |            | 10 g- | <b>30,14</b>   |
|                |   |               |            | 25 g- | <b>26,46</b>   |

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TEL: +36 (1) 347 6070

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## Fine chemical grade cyclodextrins (CD complexes):

| Product Code   | Product Name                       | Abbreviation | CAS no | Price in EUR/g |
|----------------|------------------------------------|--------------|--------|----------------|
| <b>CY-9008</b> | Oleic acid/RAMEB complex           |              |        | Contact us!    |
| <b>CY-9007</b> | Linoleic acid/RAMEB complex        |              |        | Contact us!    |
| <b>CY-9020</b> | Lipoic acid/HPBCD complex          |              |        | Contact us!    |
| <b>CY-9002</b> | Chloesterol/RAMEB complex          |              |        | Contact us!    |
| <b>CY-9005</b> | Menthol/BCD complex                |              |        | Contact us!    |
| <b>CY-9009</b> | Cholesterol acetate/RAMEB complex  |              |        | Contact us!    |
| <b>CY-9012</b> | $\alpha$ -tocopherol/RAMEB complex |              |        | Contact us!    |
| <b>CY-9014</b> | Ergocalciferol/RAMEB complex       |              |        | Contact us!    |
| <b>CY-9015</b> | Retinyl acetate/RAMEB complex      |              |        | Contact us!    |
| <b>CY-9035</b> | Curcumin/HPGCD complex             |              |        | Contact us!    |



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B

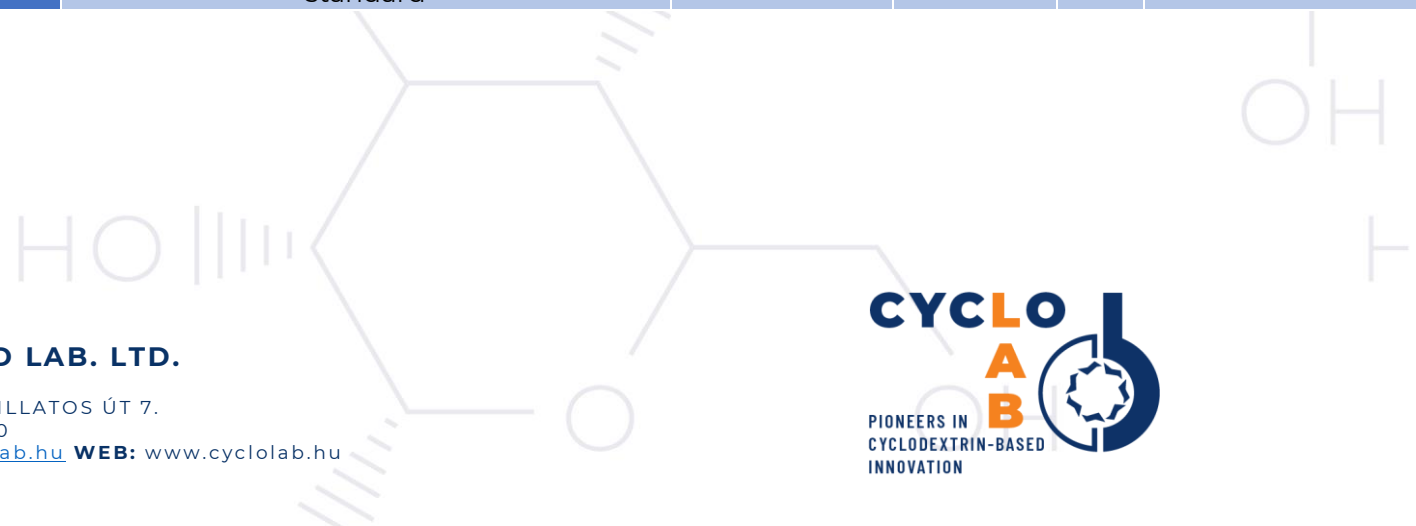
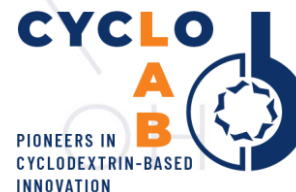
| Product Code   | Product Name  | Abbrevitation | CAS no     | Price in EUR/g |
|----------------|---|---------------|------------|----------------|
| <b>CY-9017</b> | Progesterone/HPBCD complex                                      |               |            | Contact us!    |
| <b>CY-9036</b> | Octanoic acid/RAMEB complex                                     |               |            | Contact us!    |
| <b>CY-9021</b> | Linolenic acid/RAMEB complex                                    |               |            | Contact us!    |
| <b>CY-9023</b> | Stearic acid/RAMEB complex                                      |               |            | Contact us!    |
| <b>CY-9029</b> | Stearic acid/RAMEA complex                                      |               |            | Contact us!    |
| <b>CY-9030</b> | Oleic acid/RAMEA complex  |               |            | Contact us!    |
| <b>CY-9032</b> | Linolenic acid/RAMEA complex                                    |               |            | Contact us!    |
| <b>CY-9200</b> | K1 vitamin/RAMEB complex  |               |            | Contact us!    |
| <b>CY-9201</b> | Hydrogen sulfide/ACD complex                                    |               |            | Contact us!    |
| <b>CY-9202</b> | Ethanol/ACD complex   |               |            | Contact us!    |
|                | Lutein/RAMEB complex  |               |            | Contact us!    |
|                | Capsanthin/RAMEB complex  |               |            | Contact us!    |
|                | Menthol/BCD complex   |               |            | Contact us!    |
|                | Stearic acid/RAMEB complex                                      |               |            | Contact us!    |
|                | Alpha-cyclodextrin secondary standard                           |               | <b>1 g</b> | <b>110,25</b>  |
|                | Beta-cyclodextrin secondary standard                            |               | <b>1 g</b> | <b>110,25</b>  |
|                | Gamma-cyclodextrin secondary standard                           |               | <b>1 g</b> | <b>110,25</b>  |
|                | (2-Hydroxypropyl)-beta-cyclodextrin (DS~4.5) secondary standard |               | <b>1 g</b> | <b>110,25</b>  |
|                | Sulfobutylated beta-cyclodextrin sodium salt secondary standard |               | <b>1 g</b> | <b>110,25</b>  |
|                | (2-Hydroxypropyl)-gamma-cyclodextrin primary standard           |               | <b>1 g</b> | <b>165,38</b>  |
|                | Methyl-beta-cyclodextrin (DS~12) primary standard               |               | <b>1 g</b> | <b>165,38</b>  |

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TEL: +36 (1) 347 6070

E-MAIL: [info@cyclolab.hu](mailto:info@cyclolab.hu) WEB: [www.cyclolab.hu](http://www.cyclolab.hu)



## Analytical standards – cyclodextrin excipients:

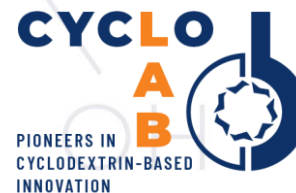
| Product Code | Product Name   | Abbreviation | CAS no |      | Price in EUR/g |
|--------------|--|--------------|--------|------|----------------|
|              | Alpha-cyclodextrin secondary standard                            |              |        | 1 g- | <b>115,76</b>  |
|              | Beta-cyclodextrin secondary standard                             |              |        | 1 g- | <b>115,76</b>  |
|              | Gamma- cyclodextrin secondary standard                           |              |        | 1 g- | <b>115,76</b>  |
|              | (2-Hydroxypropyl)-beta- cyclodextrin (DS~4.5) secondary standard |              |        | 1 g  | <b>115,76</b>  |
|              | Sulfobutylated beta-cyclodextrin sodium salt secondary standard  |              |        | 1 g  | <b>115,76</b>  |
|              | (2-Hydroxypropyl)-gamma-cyclodextrin primary standard            |              |        | 1 g  | <b>173,65</b>  |
|              | Methyl-beta-cyclodextrin (DS~12) primary standard                |              |        | 1 g  | <b>173,65</b>  |

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TEL: +36 (1) 347 6070

E-MAIL: [info@cyclolab.hu](mailto:info@cyclolab.hu) WEB: [www.cyclolab.hu](http://www.cyclolab.hu)



## Analytical standards – Sugammadex impurities:

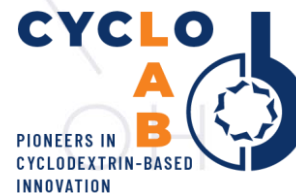
| Product Code | Product Name  | Abbreviation | CAS no | Price in EUR/g |       |
|--------------|---|--------------|--------|----------------|-------|
| CY-1205      | Hexakis(6-deoxy-6-(2-carboxyethyl)thio)-alpha-cyclodextrin              | Sualphadex   |        | 10-24 mg       | 29,51 |
|              |   |              |        | 25-49mg        | 22,68 |
|              |   |              |        | 50-99 mg       | 15,12 |
|              |   |              |        | 100 mg-        | 10,08 |
| CY-2205      | Heptakis(6-deoxy-6-(2-carboxyethyl)thio)-beta-cyclodextrin              | Subetadex    |        | 10-24 mg       | 29,51 |
|              |   |              |        | 25-49mg        | 22,68 |
|              |   |              |        | 50-99 mg       | 15,12 |
|              |   |              |        | 100 mg-        | 10,08 |
| CY-3205      | Sugammadex Primary reference Standard                                   | SGM standard |        | 500 mg-        | 1,37  |
|              |   |              |        | 1000 mg-       | 1,08  |
| CY-3206      | Heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin sodium salt | MonoOHSGM    |        | 10-24 mg       | 29,51 |
|              |   |              |        | 25-49mg        | 22,68 |
|              |   |              |        | 50-99 mg       | 15,12 |
|              |   |              |        | 100 mg-        | 10,08 |

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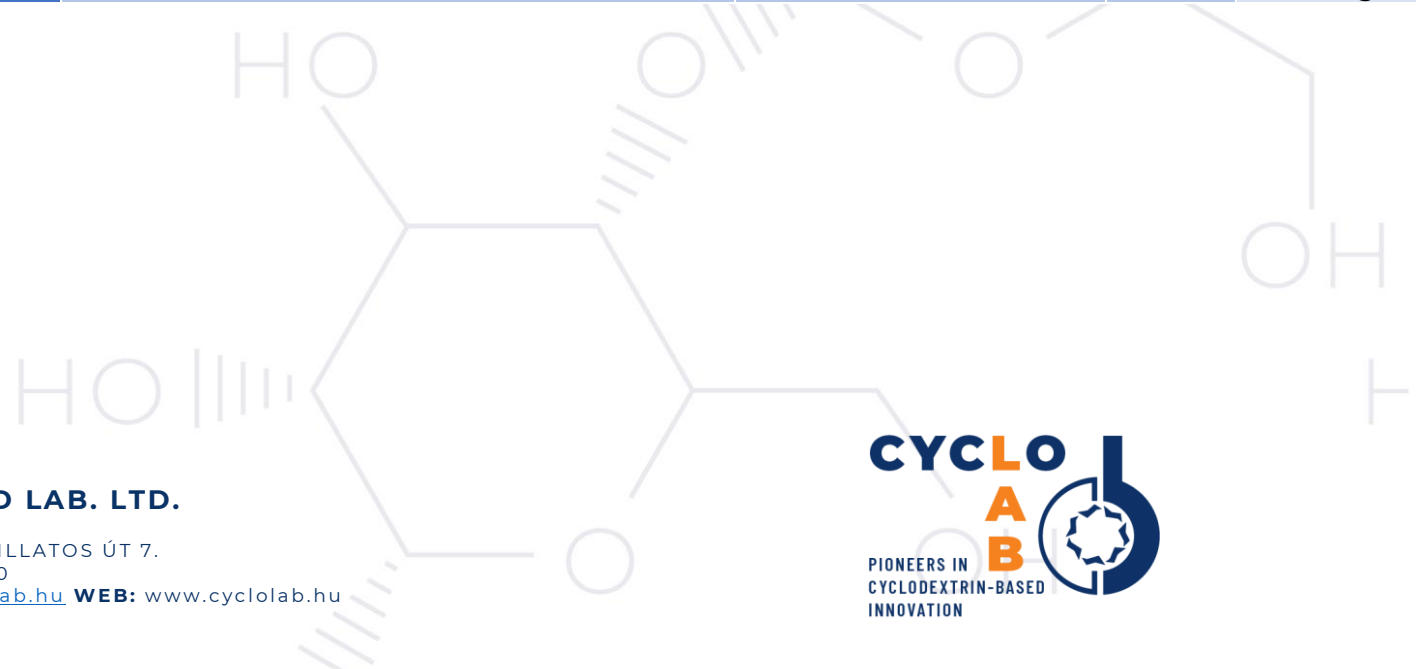
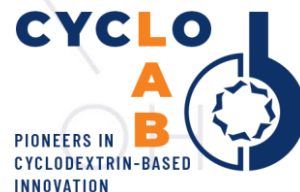
| Product Code   | Product Name   | Abbreviation        | CAS no | Price in EUR/g |        |
|----------------|--|---------------------|--------|----------------|--------|
| <b>CY-3207</b> | Hexakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin   | Di-OH-SGM           |        | 10-24 mg       | 29,51  |
|                |  |                     |        | 25-49mg        | 22,68  |
|                |  |                     |        | 50-99 mg       | 15,12  |
|                |  |                     |        | 100 mg-        | 10,08  |
| <b>CY-3208</b> | 6-Deoxy-6-chloro-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin                         | Mono-Cl-SGM         |        | 10-24 mg       | 29,51  |
|                |  |                     |        | 25-49mg        | 22,68  |
|                |  |                     |        | 50-99 mg       | 15,12  |
|                |  |                     |        | 100 mg-        | 10,08  |
| <b>CY-3209</b> | 6-Deoxy-6-(2-((methylcarboxy)ethyl)thio)-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin | Mono-COOMe-SGM      |        | 10-24 mg       | 73,61  |
|                |  |                     |        | 25-49mg        | 56,60  |
|                |  |                     |        | 50-99 mg       | 37,70  |
|                |  |                     |        | 100 mg-        | 25,20  |
| <b>CY-3210</b> | 6-Deoxy-6-thio-hexakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin                            | Mono-OH-mono-SH-SGM |        | 10-24 mg       | 130,83 |
|                |  |                     |        | 25-49mg        | 100,59 |
|                |  |                     |        | 50-99 mg       | 67,10  |
|                |  |                     |        | 100 mg-        | 44,73  |
| <b>CY-3222</b> | 6-Deoxy-6-thio-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin                           | Mono-SH-SGM         |        | 10-24 mg       | 73,61  |
|                |  |                     |        | 25-49mg        | 56,60  |
|                |  |                     |        | 50-99 mg       | 37,70  |
|                |  |                     |        | 100 mg-        | 25,20  |

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H-1097 BUDAPEST, ILLATOS ÚT 7.

TEL: +36 (1) 347 6070

E-MAIL: [info@cyclolab.hu](mailto:info@cyclolab.hu) WEB: [www.cyclolab.hu](http://www.cyclolab.hu)



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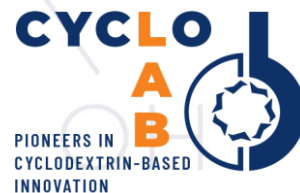
| Product Code | Product Name  | Abbreviation   | CAS no | Price in EUR/g |        |
|--------------|---|----------------|--------|----------------|--------|
| CY-3225      | 6-Deoxy-6-(2-((ethylcarboxy)ethyl)thio)-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin | Mono-COOEt-SGM |        | 10-24 mg       | 73,61  |
|              |   |                |        | 25-49mg        | 56,60  |
|              |   |                |        | 50-99 mg       | 37,70  |
|              |   |                |        | 100 mg-        | 25,20  |
| CY-3226      | 6-Deoxy-6-((2-carboxyethyl)dithio)-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin      | Mono-SS-SGM    |        | 10-24 mg       | 112,98 |
|              |   |                |        | 25-49mg        | 86,94  |
|              |   |                |        | 50-99 mg       | 57,96  |
|              |   |                |        | 100 mg-        | 38,64  |
| CY-3228      | 6-Deoxy-6-((2-carboxyethyl)sulfinyl)-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin    | Mono-SO-SGM    |        | 10-24 mg       | 95,76  |
|              |   |                |        | 25-49mg        | 73,71  |
|              |   |                |        | 50-99 mg       | 50,40  |
|              |   |                |        | 100 mg-        | 33,18  |
| CY-3229      | Bis(6-deoxy-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin) disulfide                  | SGM-SS-SGM     |        | 10-24 mg       | 112,98 |
|              |   |                |        | 25-49mg        | 86,94  |
|              |   |                |        | 50-99 mg       | 57,96  |
|              |   |                |        | 100 mg-        | 38,64  |

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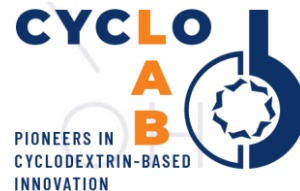
| Product Code   | Product Name  | Abbreviation     | CAS no | Price in EUR/g |        |
|----------------|---|------------------|--------|----------------|--------|
| <b>CY-3230</b> | 6-Deoxy-6-iodo-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin                                | Mono-I-SGM       |        | 10-24 mg       | 29,51  |
|                |   |                  |        | 25-49mg        | 22,68  |
|                |   |                  |        | 50-99 mg       | 15,12  |
|                |   |                  |        | 100 mg-        | 10,08  |
| <b>CY-3235</b> | 6-Deoxy-6-bromo-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin                               | Mono-Br-SGM      |        | 10-24 mg       | 29,51  |
|                |   |                  |        | 25-49mg        | 22,68  |
|                |   |                  |        | 50-99 mg       | 15,12  |
|                |   |                  |        | 100 mg-        | 10,08  |
| <b>CY-3236</b> | Bis(6-deoxy-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin) sulfide                          | SGM-S-SGM        |        | 10-24 mg       | 112,98 |
|                |   |                  |        | 25-49mg        | 86,94  |
|                |   |                  |        | 50-99 mg       | 57,96  |
|                |   |                  |        | 100 mg-        | 38,64  |
| <b>CY-3237</b> | 6-Deoxy-6-((2-carboxyethyl)sulfinyl)-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin Epimer A | Mono-SO-SGM EpiA |        | 10-24 mg       | 294,42 |
|                |   |                  |        | 25-49mg        | 226,59 |
|                |   |                  |        | 50-99 mg       | 150,99 |
|                |   |                  |        | 100 mg-        | 100,70 |
| <b>CY-3238</b> | 6-Deoxy-6-((2-carboxyethyl)sulfinyl)-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin Epimer B | Mono-SO-SGM EpiB |        | 10-24 mg       | 294,42 |
|                |   |                  |        | 25-49mg        | 226,59 |
|                |   |                  |        | 50-99 mg       | 150,99 |
|                |   |                  |        | 100 mg-        | 100,70 |

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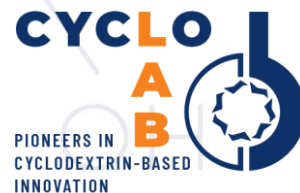
| Product Code | Product Name  | Abbreviation    | CAS no | Price in EUR/g |        |
|--------------|---|-----------------|--------|----------------|--------|
| CY-3239      | 6-Deoxy-6-methylthio-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin        | Mono-SMe-SGM    |        | 10-24 mg       | 130,83 |
|              |   |                 |        | 25-49mg        | 100,59 |
|              |   |                 |        | 50-99 mg       | 67,10  |
|              |   |                 |        | 100 mg-        | 44,73  |
| CY-3240      | 3,6-Anhydro-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin                 | Mono-AH-SGM     |        | 10-24 mg       | 112,98 |
|              |   |                 |        | 25-49mg        | 86,94  |
|              |   |                 |        | 50-99 mg       | 57,96  |
|              |   |                 |        | 100 mg-        | 38,64  |
| CY-3242      | Heptakis(6-deoxy-6-bromo)-gamma-cyclodextrin  | Hepta-bromo-GCD |        | 10-24 mg       | 294,42 |
|              |   |                 |        | 25-49mg        | 226,59 |
|              |   |                 |        | 50-99 mg       | 150,99 |
|              |   |                 |        | 100 mg-        | 100,70 |
| CY-3244      | 6-Deoxy-6-N,N-dimethylamino-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin | Mono-DMA-SGM    |        | 10-24 mg       | 95,76  |
|              |   |                 |        | 25-49mg        | 73,71  |
|              |   |                 |        | 50-99 mg       | 50,40  |
|              |   |                 |        | 100 mg-        | 33,18  |

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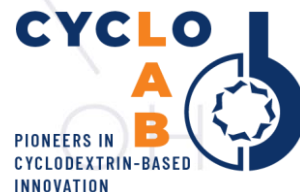
| Product Code   | Product Name   | Abbreviation  | CAS no | Price in EUR/g |        |
|----------------|--|---------------|--------|----------------|--------|
| <b>CY-3245</b> | 6-Deoxy-6-((1-carboxyethylthio)-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin        | Mono-ISO-SGM  |        | 10-24 mg       | 112,98 |
|                |  |               |        | 25-49mg        | 86,94  |
|                |  |               |        | 50-99 mg       | 57,96  |
|                |  |               |        | 100 mg-        | 38,64  |
| <b>CY-3246</b> | 6-Deoxy-6-(carboxymethylthio)-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin          | Mono-ACE-SGM  |        | 10-24 mg       | 112,98 |
|                |  |               |        | 25-49mg        | 86,94  |
|                |  |               |        | 50-99 mg       | 57,96  |
|                |  |               |        | 100 mg-        | 38,64  |
| <b>CY-3247</b> | Bis(6-Deoxy-6-(2-carboxyethyl)sulfinyl)-hexakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin | Di-SO-SGM     |        | 10-24 mg       | 130,84 |
|                |  |               |        | 25-49mg        | 100,59 |
|                |  |               |        | 50-99 mg       | 67,10  |
|                |  |               |        | 100 mg-        | 44,73  |
| <b>CY-3248</b> | Bis(6-deoxy-6-chloro)-hexakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin                   | Di-Cl-SGM     |        | 10-24 mg       | 73,61  |
|                |  |               |        | 25-49mg        | 56,60  |
|                |  |               |        | 50-99 mg       | 37,70  |
|                |  |               |        | 100 mg-        | 25,20  |
| <b>CY-3249</b> | Octakis(6-Deoxy-6-(2-((ethylcarboxy)ethyl)thio))-gamma-cyclodextrin                                | Per-COOEt-SGM |        | 10-24 mg       | 29,51  |
|                |  |               |        | 25-49mg        | 22,68  |
|                |  |               |        | 50-99 mg       | 15,12  |
|                |  |               |        | 100 mg-        | 10,08  |

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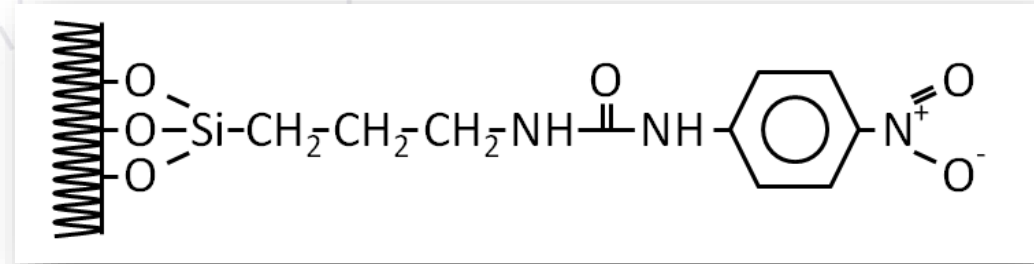
TEL: +36 (1) 347 6070

E-MAIL: [info@cyclolab.hu](mailto:info@cyclolab.hu) WEB: [www.cyclolab.hu](http://www.cyclolab.hu)



## HPLC columns:

| Product Code           | Product Name                           | Abbrevitation | CAS no | Price in EUR/g |
|------------------------|--|---------------|--------|----------------|
| <b>CDS-1504-03</b>     | CD-Screen 3 μ 150x4 mm                 |               |        | 1212,75        |
| <b>CDS-2504-05</b>     | CD-Screen 5 μ 250x4 mm                 |               |        | 1212,75        |
| <b>CDS-IEC-1504-03</b> | CD-Screen-IEC HPLC column 3 μ 150x4 mm |               |        | 1212,75        |



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