

CYCLOLAB



The Cyclodextrin Company



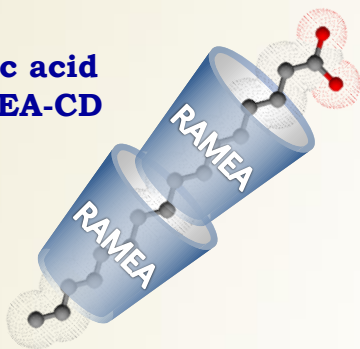
Water soluble lipids
for
serum-free cell- and tissue
culture media



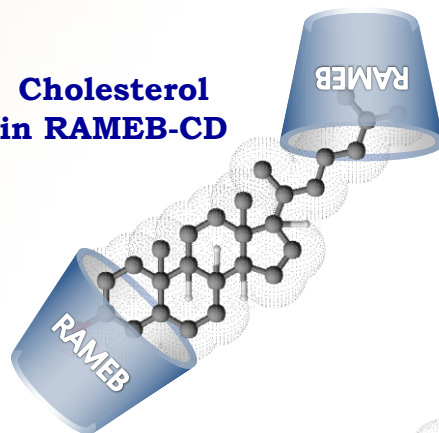
Water soluble lipids

CycloLab offers a wide variety of water soluble **cyclodextrin** complexes of certain lipids, lipoic acids, vitamins and carotenoids

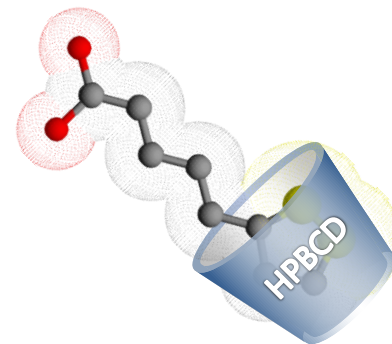
Palmitic acid
in RAMEA-CD



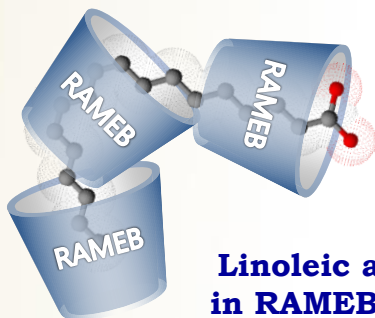
Cholesterol
in RAMEB-CD



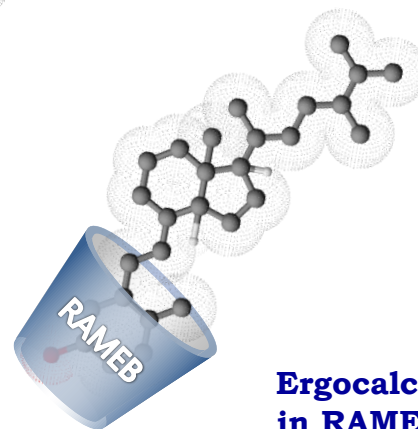
Lipoic acid in
HPBCD



Linoleic acid
in RAMEB-CD



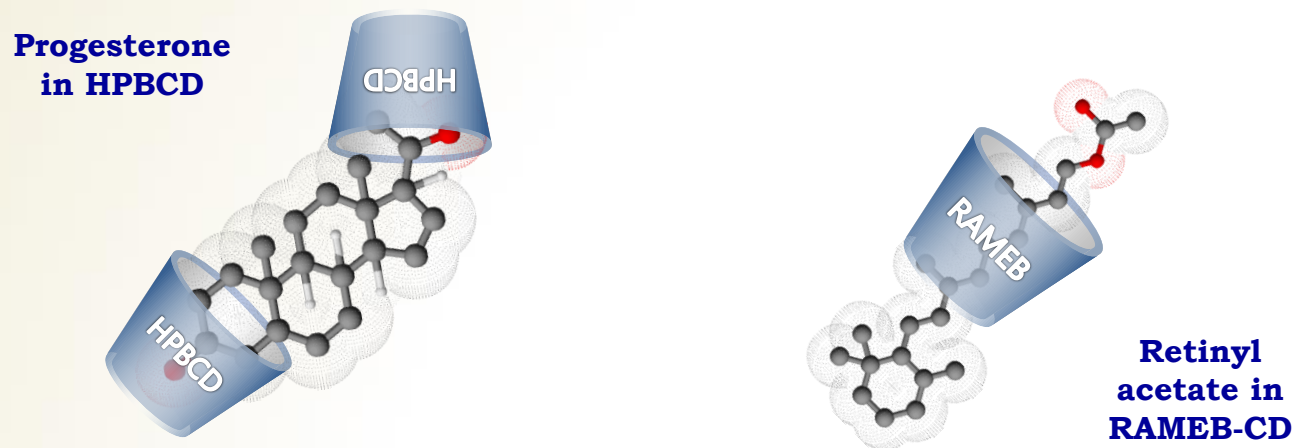
Ergocalciferol
in RAMEB-CD





Water soluble lipids

These inclusion complexes are ideal additives for serum free culture media supplementation and are frequently included in such studies



JL Walowitz: Efficient Lipid Delivery to Hybridoma Culture by Use of Cyclodextrin in a Novel Granulated Dry-Form Medium Technology

R Zidovetzki: Use of cyclodextrins to manipulate plasma membrane cholesterol content: evidence, misconceptions and control strategies

V Kainu: Introduction of phospholipids to cultured cells with cyclodextrin

L Szente: Cyclodextrin-Lipid Complexes: Cavity Size Matters

É Rajnavölgyi: Effects of RAMEA-complexed polyunsaturated fatty acids on the response of human dendritic cells to inflammatory signals.



Why cyclodextrins?

Cyclodextrins are:

- **plant derived enzyme-modified starch derivatives**
- **with no viral, no prion infection sources**
- **non-immunogenic, non-toxic carbohydrates**
- **potent lipid solubilizers / stabilizers**



Water soluble lipids

List of available products at CycloLab

Product code	Product name
CY-9008	Oleic acid/RAMEB
CY-9007	Linoleic acid/RAMEB
CY-9020	Lipoic acid/HPBCD
CY-9002.0	Cholesterol/RAMEB
CY-9001	Palmitic acid/RAMEB
CY-9012	α -Tocopherol/RAMEB
CY-9014	Ergocalciferol /RAMEB
CY-9019	Dexamethasone/HPBCD
CY-9023	Stearic acid/RAMEB
CY-9025	Docosahexaenoic acid/RAMEB

Product code	Product name
CY-9027	Myristic acid/RAMEA
CY-9029	Stearic acid/RAMEA
CY-9031	Linoleic acid/RAMEA
CY-9033	Eicosapentaenoic acid/RAMEA
CY-9035	Curcumin/HPGCD
CY-9203	Capsanthin/RAMEB
CY-9204	Capsorubin/RAMEB
CY-9205	Lutein/RAMEB
CY-9206	Zeaxanthin/RAMEB

For any other specific guest to be encapsulated (for example essential oils, plant extracts etc.) please reach out to us for discussion at info@cyclolab.hu



Water soluble lipids

Company contacts:

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