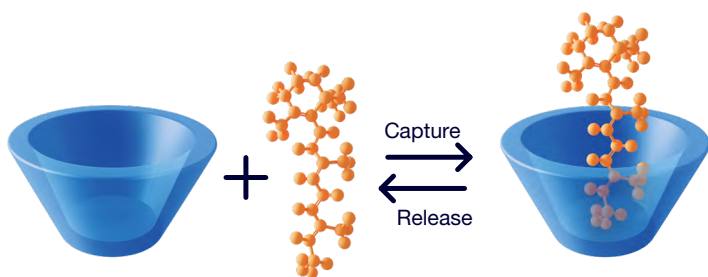


CAVAMAX[®] cyclodextrins and CAVASOL[®] cyclodextrin derivatives in pharmaceutical applications

What are cyclodextrins?

Cyclodextrins are ring-shaped sugar molecules that have a hydrophilic, i.e. water-loving, exterior and a lipophilic, i.e. fat-loving, cavity in their interior. This cavity can enclose other lipophilic molecules, such as pharmaceutical actives, as “guests”.



Cyclodextrins are able to capture and release low molecular weight guest molecules.

Our products:

CAVAMAX[®] W6 PHARMA
CAVAMAX[®] W7 PHARMA
CAVAMAX[®] W8 PHARMA
CAVASOL[®] W7 HP PHARMA
CAVASOL[®] W7 M LIFE SCIENCE
CAVASOL[®] W7 M TL
CAVASOL[®] W8 HP PHARMA



For more information, scan the QR code.

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Benefits of cyclodextrins in pharma

Cyclodextrins as excipients

- Enable controlled and steady release of pharmaceutical active ingredients
- Improve solubility of poorly soluble actives
- Enhance bioavailability in oral, dermal, and parenteral formulations

Cyclodextrins as auxiliaries

- Increase solubility of water insoluble actives during fermentation
- Significantly boost production yield of fermentation derived actives
- Facilitate absorption of water insoluble growth hormones through cell membranes
- Transport of nutrients in cell cultures

Cyclodextrins as stabilizers

- Reduce protein aggregation in buffer systems
- Stabilize monoclonal antibodies
- Serve as cryoprotectants in vaccine formulations

