

Dispersome® Make your drug soluble

Dispersome® is a solubility enhancement technology that relies on an innovative and naturally occurring excipient to develop amorphous solid dispersions with high drug loading and high bioavailability.

Find out
more



Beta-lactoglobulin as pharmaceutical excipient

Proteins comprise a new group of excipients for preparing amorphous solid dispersions. Beta-lactoglobulin (BLG), the main component in Dispersome formulations, results in superior drug solubility compared to other proteins. Hovione has developed a partnership with Zerion Pharma who has a strong IP portfolio covering protein-based excipients for solid dispersions with patent life beyond 2040.

Stable formulations with high drug loading

The use of Dispersome® technology enables drug loadings above 50% w/w while maintaining stability and improving API solubility. At a drug loading of 50%, stable amorphous formulations are obtained for more than 80% of all drugs tested.

Superior outcomes, compatible technology

By increasing drug solubility, the Dispersome® platform aims at improving oral bioavailability and therapeutic outcomes for patients. Dispersome® formulations are compatible with standard pharmaceutical processes and Spray Drying provides a scalable manufacturing solution.

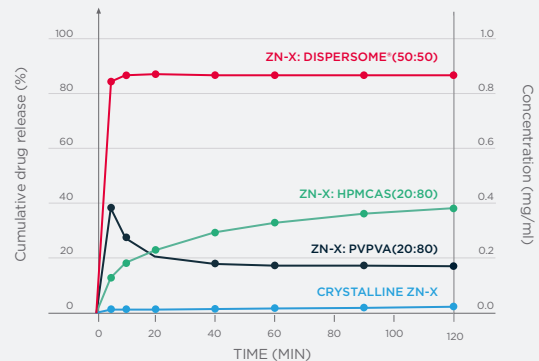
Dispersome® is now part of ASD-HIPROS the most advanced and accurate screening tool to identify the best Amorphous Solid Dispersion formulations by Spray Drying.

A safe and manufacturable excipient

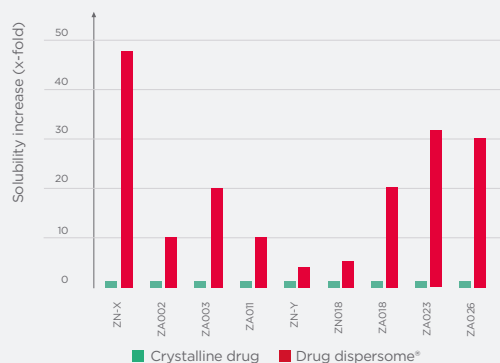
We work with world leading suppliers to source and qualify our BLG material, ensuring high quality and large scale supply. BLG is a natural ingredient used in food and nutrition products and is easy to integrate in your existing processes.

Contact us today to solve your solubility challenges

Dispersome® formulation achieves a superior dissolution rate and better solubility compared to other solid dispersions when addressing a poorly soluble drug like ZN-X.



Dispersome® formulations result in a substantial solubility increase for most poorly soluble drugs, compared to the crystalline form of the drug.



We invite you to test the performance of your formulation using Dispersome® Technology. Our partner Zerion has successfully used this technology on multiple drug molecules from pharma companies.

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