PEG-Protein Interactions for Stable Formulations Studied by CG-MALS

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5b. Global fit of binding affinity and stoichiometry

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5d. Additional protein-PEG interactions

Conclusions

- PEG interacts favorably with proteins in concentrated solutions, but actually induces aggregation by binding to and enhancing protein oligomers.
- CG-MALS is an essential tool in identifying and quantifying the interactions present at highly concentrated formulations, in order to optimize excipients for colloidal stability.