

enzen

Empowering Enzymes for Pharmaceutical Applications

INOFEA's enzen®-Technology makes Enzymes fit for Bioanalysis, Bioconjugation and Biocatalysis

Manufacturing

Example: ADC Manufacturing

- Process robustness and high product quality
- High specificity of the toxin binding to the Ab
- Achievement of DAR as expected
- No purification steps necessary
- Suitable for flow-through reactors

Methylation

Phosphorylation

Acyl Lipidation

Glycosylation

Acetylation

Hydroxylation

Sulfation

Phenylation

Bioconjugation

Example: Protein-Modification

- Broad spectrum of activity
- Highly controlled modifications achievable
- High yield
- Resistant to chaotropic conditions
- High specificity
- Enzymes can be easily removed from the reaction

Bioanalysis

Example: Complete Digestion of large cross-linked Proteins

- No self-digestion of the enzymes used
- Unpolluted AA spectra
- Perfect linearity between protein content in body fluid and concentration of the biomarker

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