Figures

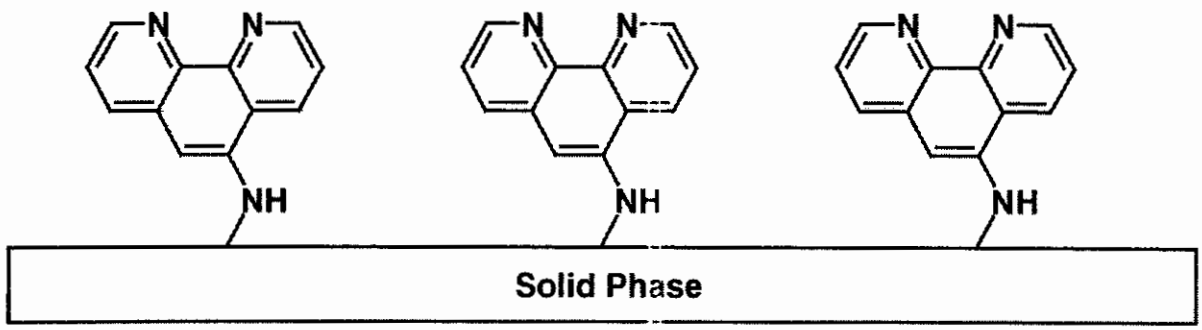


Figure 1a: Figure 1a depicts an example of a solid support derivatized with 5-amino-1,10-phenanthroline.

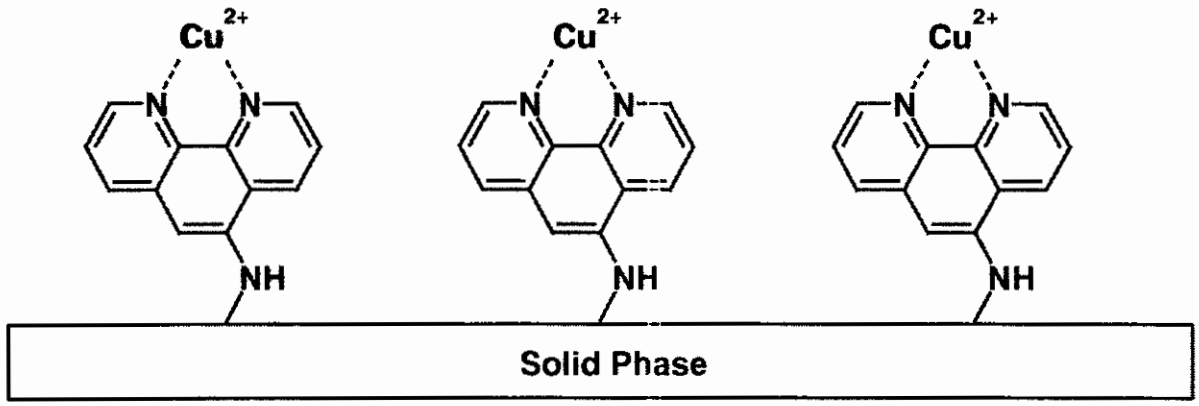


Figure 1b: Figure 1b depicts an example of an activated solid phase, comprising a solid support, covalently bound 5-amino-1,10-phenanthroline metal chelating ligand and chelated Cu^{2+} metal ions.

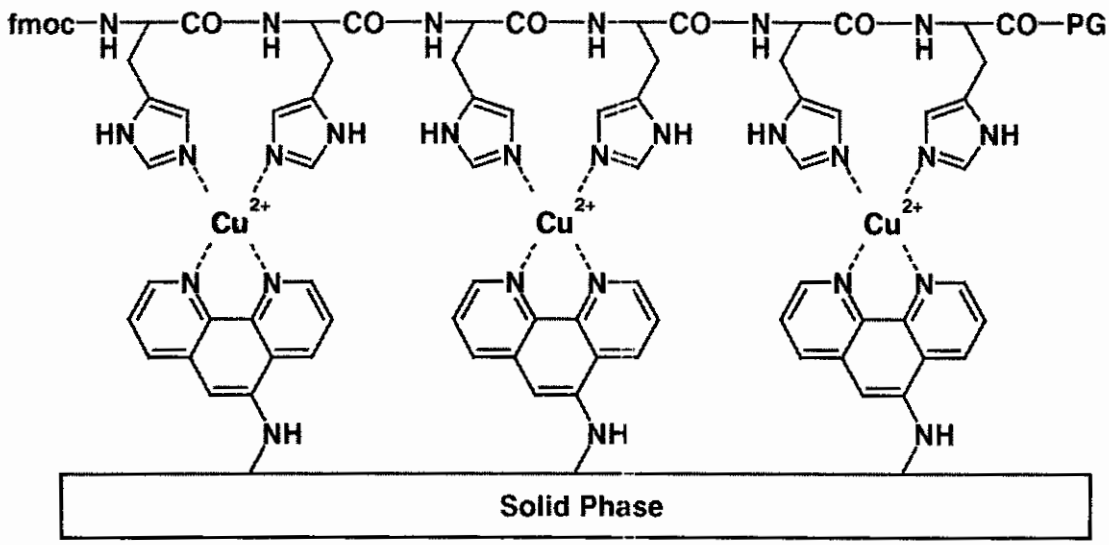


Figure 1c: Figure 1c depicts an example of an attached peptide, comprising a peptide residue and an oligohistidine moiety anchoring part, wherein said anchoring part is covalently attached to an activated solid phase, comprising a solid support, covalently bound 5-amino-1,10-phenanthroline metal chelating ligand and chelated Cu^{2+} metal ions

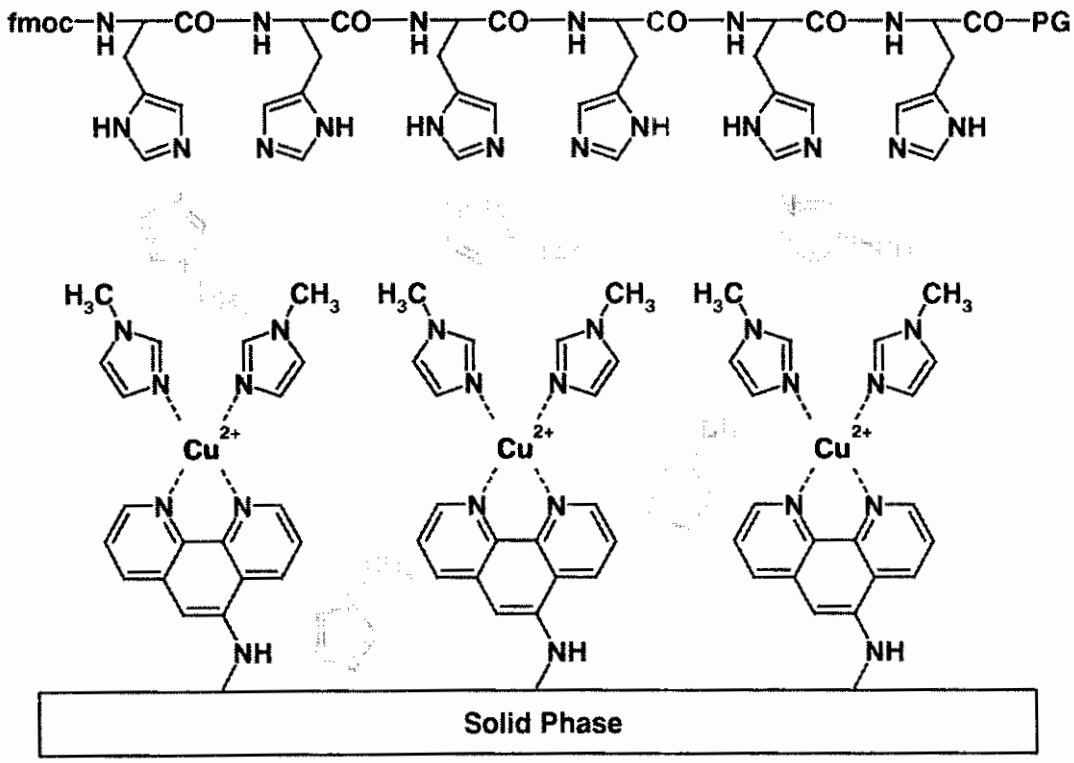


Figure 2a: In figure 2a the principle of detachment is depicted with an example wherein the anchoring part of the peptide is an oligohistidine residue.

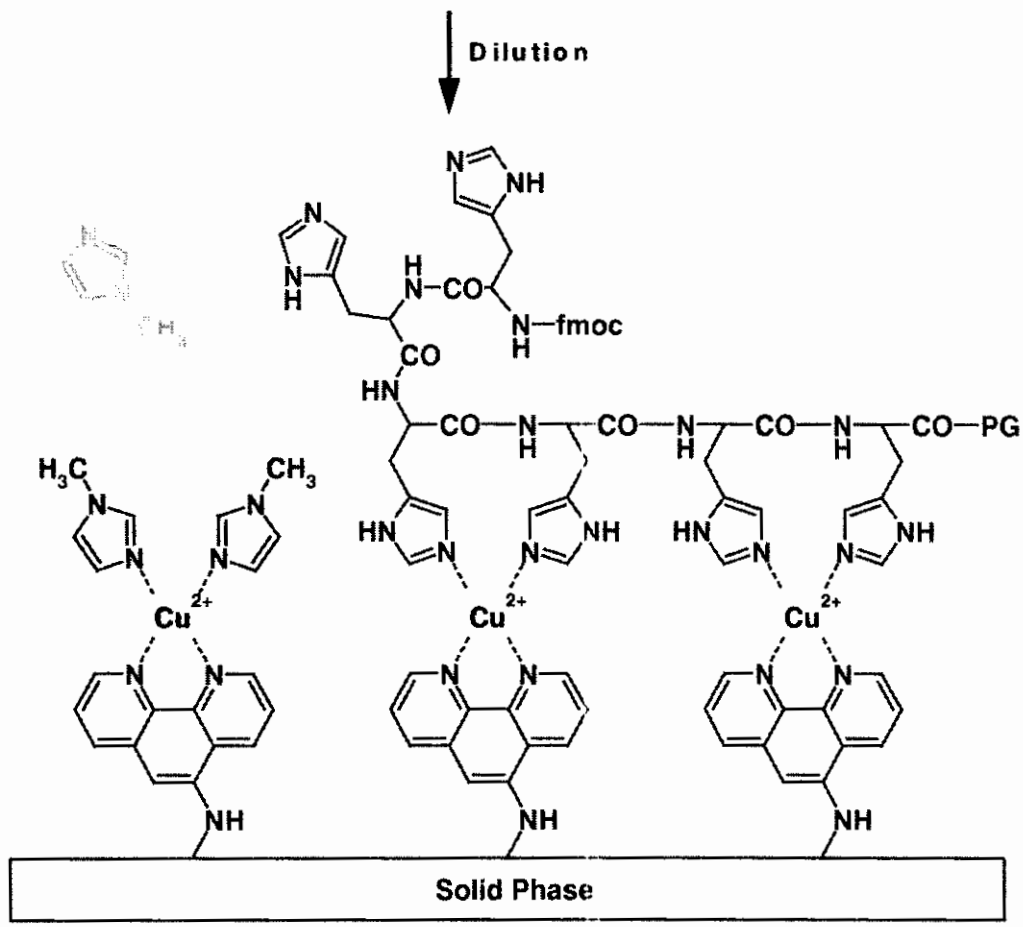


Figure 2b: In figure 2b the principle of reattachment is depicted with an example wherein the anchoring part of the peptide is an oligohistidine residue.

An example of the effect of competitor concentrations on binding of a given peptide to an activated solid phase is shown in Figure 3a, where detachment with increasing competitor concentrations is used for elution of a coordinatively bound peptide. This process is reversible..

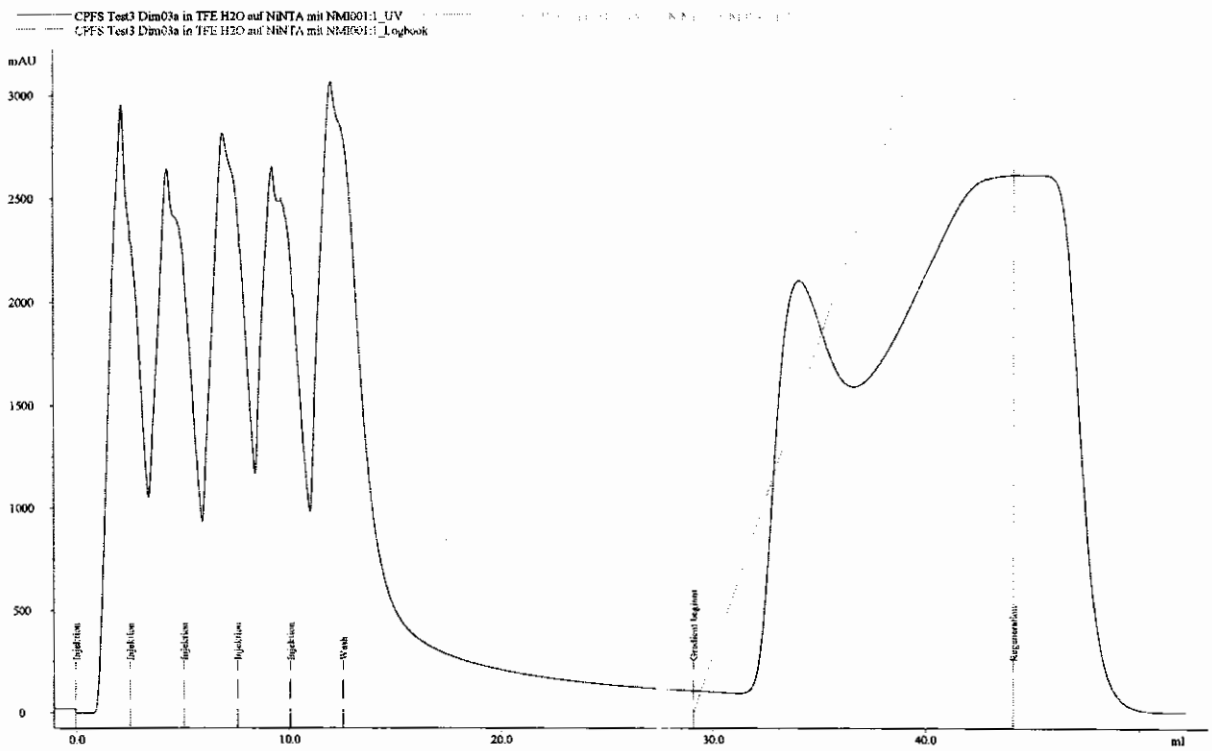


Figure 3a: Purification of raw product of an IL-2 Immunomer synthesis on a metal affinity column. The curve shows 5 repetitive injections and elution of the bound product during the gradient of N-methylimidazole.

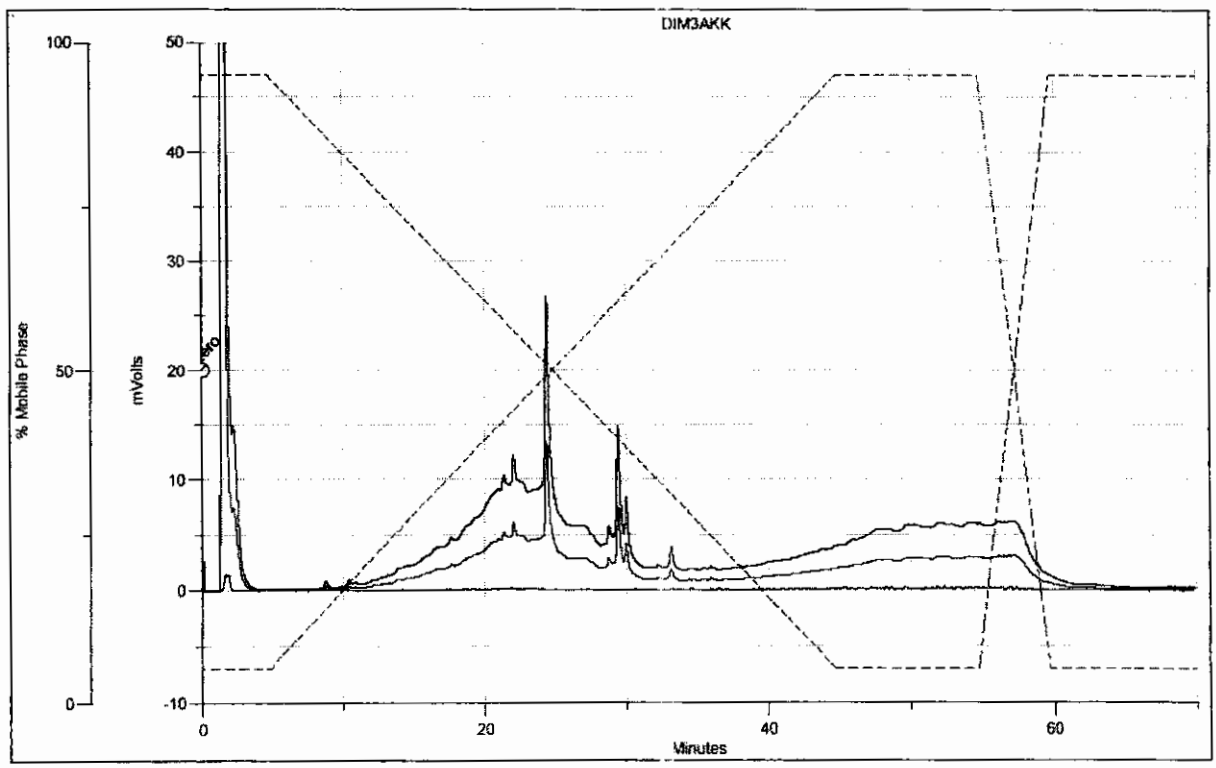


Figure 3b: Chromatogram showing the UV-traces of the IL-2 Immunomer raw product before purification. This documents the chromatographic behaviour of the product injected 5times in Figure 3a. The product is strongly aggregating and smears over the whole gradient from the column. This profile does not allow adequate characterization by mass spectrometry.

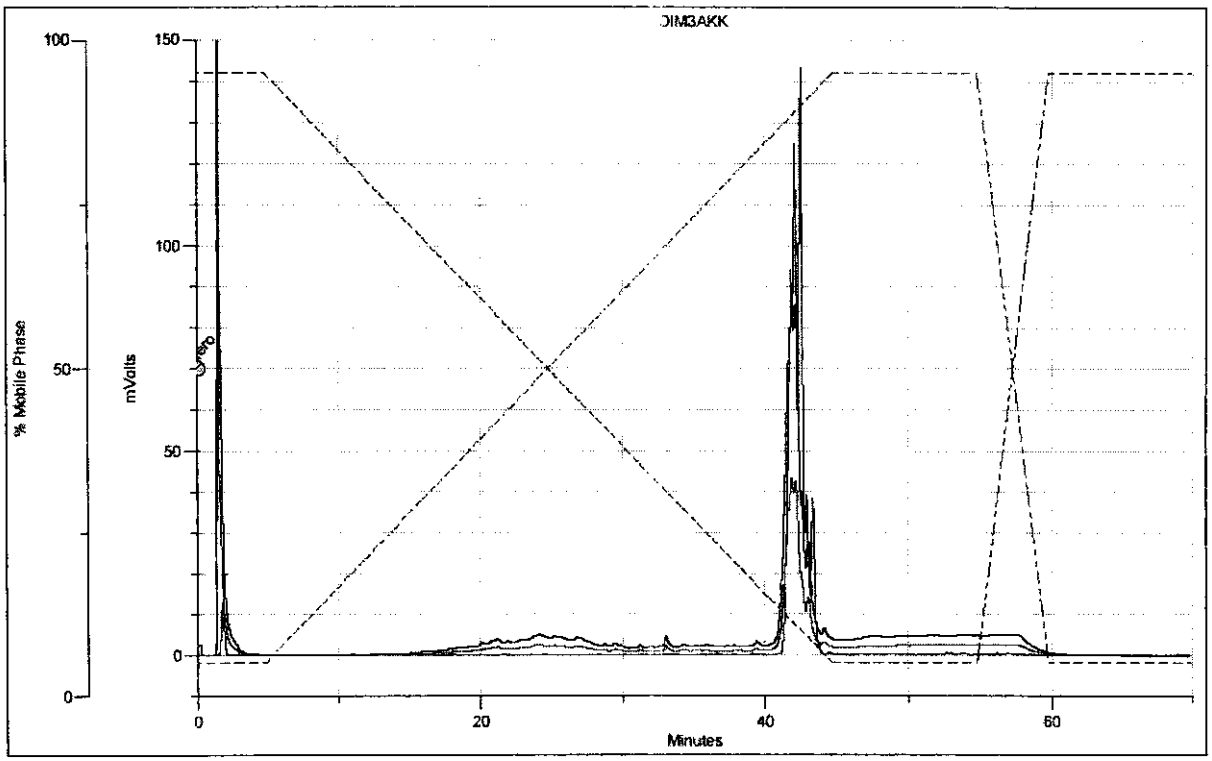


Figure 3c: Chromatogram showing the chromatographic behaviour of the substance eluted in Figure 3a. This material shows clear chromatographic behaviour, was eluted as a single substance without aggregation. The Mass spectrometry confirms the identity of the desired product.