

Berichtigung

N-Terminal Protein Modification through
a Biomimetic Transamination Reaction

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In Abbildung 1 b dieser Zuschrift ist die Lage des Signals für nichtmodifiziertes Myoglobin fälschlicherweise mit m/z 16 692 angegeben. Die Abbildung mit dem korrekten Wert m/z 16 962 ist hier gezeigt.

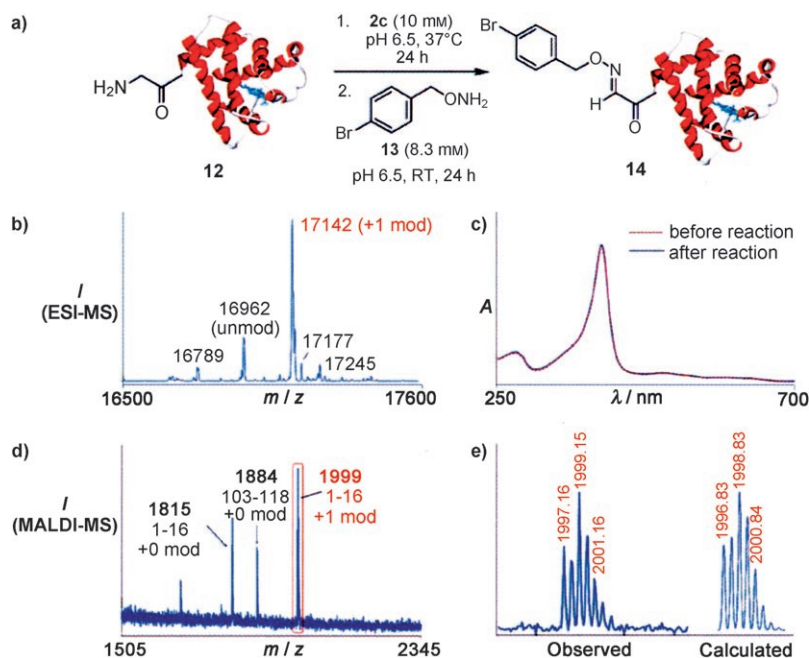


Figure 1. Site-selective protein modification with PLP. a) Myoglobin was treated with **2c** at 37°C for 24 h. After removal of small molecules by gel filtration, oxime **14** was formed after reaction with **13**. b) ESI-LCMS studies indicated that only one modification had occurred. c) UV/Vis spectra of **12** subjected to the reaction conditions in the absence (dotted red) and presence (dashed blue) of **2c**. d) Product **14** was digested with trypsin, and the resulting fragments were analyzed by MALDI-TOF MS. The only modified fragment observed contained the N-terminal residue. e) Predicted (left) and observed (right) isotope patterns for the modified myoglobin peptide fragment shown in (d). All MS values agree with those predicted within 0.01%.