

# Inactivation of *Lactobacillus leichamannii* ribonucleotide reductase by F<sub>2</sub>CTP: covalent modification

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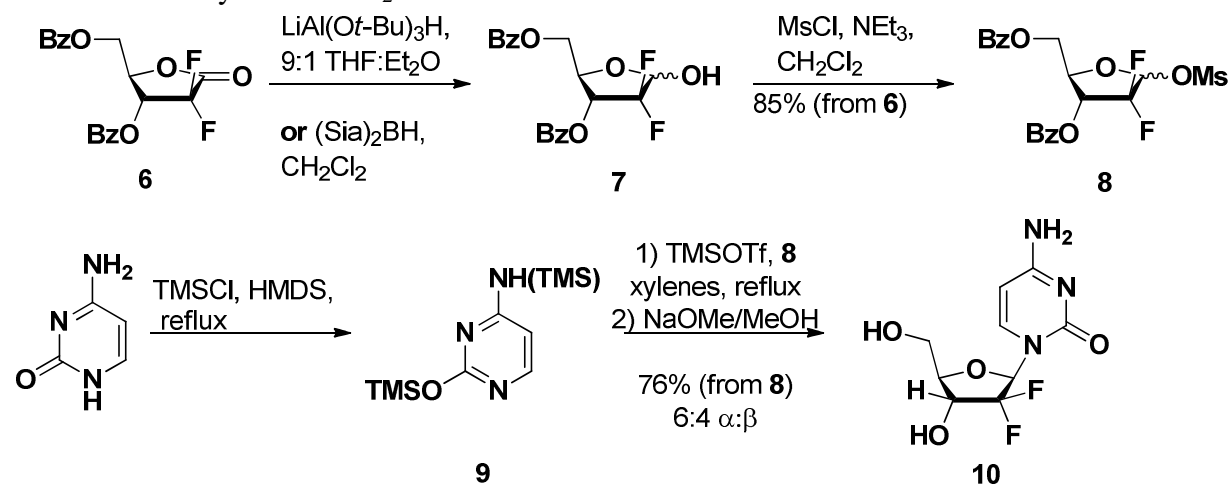
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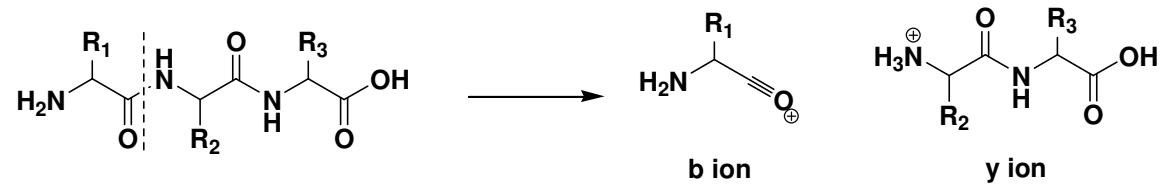
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**SUPPORTING INFORMATION**

SCHEME S1: Synthesis of F<sub>2</sub>C.



SCHEME S2: PSD fragmentation along the peptide-bonds to give b type and y type ions.



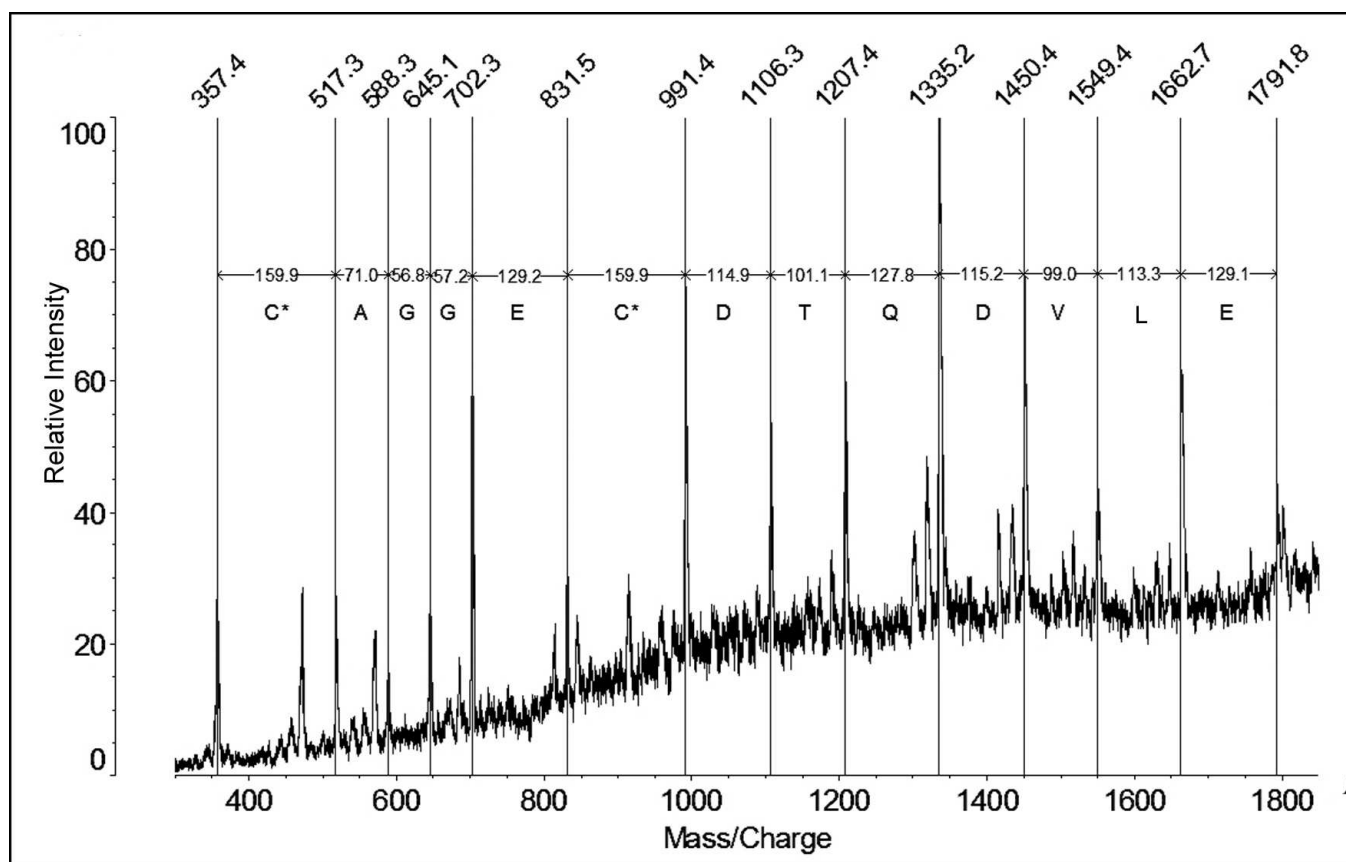


FIGURE S1: Annotated MS/MS spectrum of the 2020 Da peptide corresponding to the diacetamide labeled C-terminal RTPR peptide (DLELVDQTDCEGGACPIK). The y ion series is highlighted, representing fragmentation along the peptide bond with charge retention on the N-terminus. The difference in mass between each ion is the mass of the amino acid cleaved. C\* = acetamide modified cysteine.