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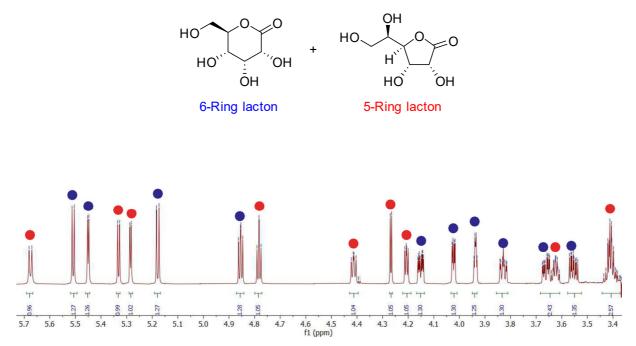


Figure: NMR spectrum of 1,5-lactone/ δ -lactone and 1,4-lactone/ γ -lactone. Marked are the signals of the pyranose form (blue) and those of the furanose form (red).