

# Strategies for molecular structure elucidation in static and dynamic systems

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Propositions  
Belonging to the thesis

## Strategies for molecular structure elucidation in static and dynamic systems

1. The formation of fragment ions before the ion mobility cell led to significant differences in the mobility of isomers and thereafter promoted the differentiation. This thesis.
2. Combining the ion mobility and mass spectrometry data with theoretical studies deepens researchers' knowledge regarding the gas-phase behavior of molecular ions. This thesis.
3. 4-ethylmorpholine/acetate is a promising buffer for native mass spectrometry studies, as it leads to reduced charge states compared to ammonium acetate. This thesis.
4. This paper emphasizes the urgency of performing complementary IMS investigations, using not only collision cross section values but also by evaluating arrival time distributions. This thesis.
5. If you're going to try, go all the way. Otherwise, don't even start. Charles Bukowski.
6. Defeat, my Defeat, my solitude and my aloofness,  
You are dearer to me than a thousand triumphs,  
And sweeter to my heart than all world-glory. Kahlil Gibran.
7. I believe that the most important single thing, beyond discipline and creativity is daring to dare. Maya Angelou.
8. Drink! for you know not whence you came nor why: drink! for you know not why you go, nor where. Omar Khayyam.

Darya Hadavi