

基础研究和新技术

# 阿司匹林的真空紫外光电离光解离质谱研究

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摘要

关键词

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## Vacuum Ultraviolet Photoionization and Photodissociation Mass Spectrometric Study of Aspirin

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**Abstract** Aspirin was investigated with infrared laser desorption/vacuum ultraviolet photoionization and photodissociation mass spectrometry(IR LD/VUV PIMS) technique. Due to the tunability of VUV photon energy, the mass spectra of aspirin at different photon energies were measured. Combining theoretical calculation, the proposed dissociation pathways of precursor cations were well depicted.

**Key words** [VUV](#) [\\_](#) [mass](#) [spectrometry](#) [\\_](#) [aspirin](#) [\\_](#) [dissociation](#)

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