

File Name: Supplementary Movie 1

Description:

Online ESI-HRMS monitoring of a Heck reaction. A PEEK capillary connected to the ESI source was immersed into the reaction mixture and the reaction was monitored at 100 °C for 30 min, with mass spectra recorded in negative ion mode. The video demonstrates real-time MEDUSA-HR recognition of Pd-containing species during the reaction.