

Mass spectrometry – a valuable tool in the search of new drug candidates from marine organisms

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Natural products and their derivatives have historically played an important role in drug discovery. However, due to complex and time-consuming isolation and structure elucidation procedures the research into natural products in the pharmaceutical industry has declined over the last two decades. The availability of reliable LC-MS systems providing high-resolution accurate mass data has greatly facilitated rapid identification of the bioactive compounds. This and other technological advances have spurred new interest into natural products drug discovery, both from academia and the pharmaceutical industry.