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Liquid Chromatography Mass Spectrometry

National Cancer Institute

Source

National Cancer Institute. *Liquid Chromatography Mass Spectrometry*. NCI Thesaurus. Code C18475.

LC/MS is a hyphenated technique, combining the separation power of liquid chromatography (LC), an analytical chromatographic technique for separating ions or molecules dissolved in a solvent, with the detection power of mass spectrometry (MS), a technique to separate gas phase ions according to their m/z (mass to charge ratio) value. Used for drug screening, pharmacology studies, environmental analyses and forensics.