

Q-TOF LC/MS/MS

사중극자-비행시간형 질량분석기

Ultra performance hybrid tandem mass spectrometer permits configuration of source, quadrupole analyzer, collision cell, time of flight mass spectrometer, detector and data system to meet application requirements.

It is a mass spectrometer tool for hazardous organic compounds, natural product or impurity identification, metabolite identification and profiling.

Model

Synapt G2 (Waters Corp., US)

Specifications

- UPLC : ultra-pressure high performance LC
- Ion Source : ESI (electrospray), APCI (atmospheric pressure chemical ionization)
 - 1) Resolution : > 40,000
 - 2) Accuracy : < 1 ppm
 - 3) Mass range : (MS) > 20,000 (MS/MS) > 4,000
 - 4) Scan rate : 20 scan/sec
 - 5) Sensitivity : 1 pg for reserpine

Applications

- Analysis of organic composition
- Identification of molecular weight
- Identification of elemental composition (Formula)
- Metabolites
- Proteins
- Drug analysis



Location L2330 Tel.02-958-5980

LC/MS/MS spectrum

