



Research division: Biologically-active complexes and molecular magnets

JNM-ECA 600 II NMR spectrometer

We offer contract measurements on the 600 MHz NMR spectrometer (JEOL), which enables obtaining high-resolution spectra of samples in the solution and solid states using 1D and 2D NMR experiments.

- measuring probes with automatic tuning system Autotune™ 600 MHz 5mm FG/RO and FG/TH enabling wide-range ^1H a ^{19}F experiments with one or two resonances including: direct measurements of ^1H , ^{19}F , ^{23}Na , ^{13}C , ^{31}P , ^{15}N , ^{29}Si , ^{11}B , ^{119}Sn and other nuclei
- measuring probe for solid samples 600 MHz 3.2mm HXMAS in 3.2 mm zirconium cuvettes
- suitable for experiments on chemical and biochemical samples in the temperature range from laboratory temperature to 130 °C
- studies of composition and identification of organic and inorganic compounds
- studies of reaction kinetics of the studied substances in various environments



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