Table of contents

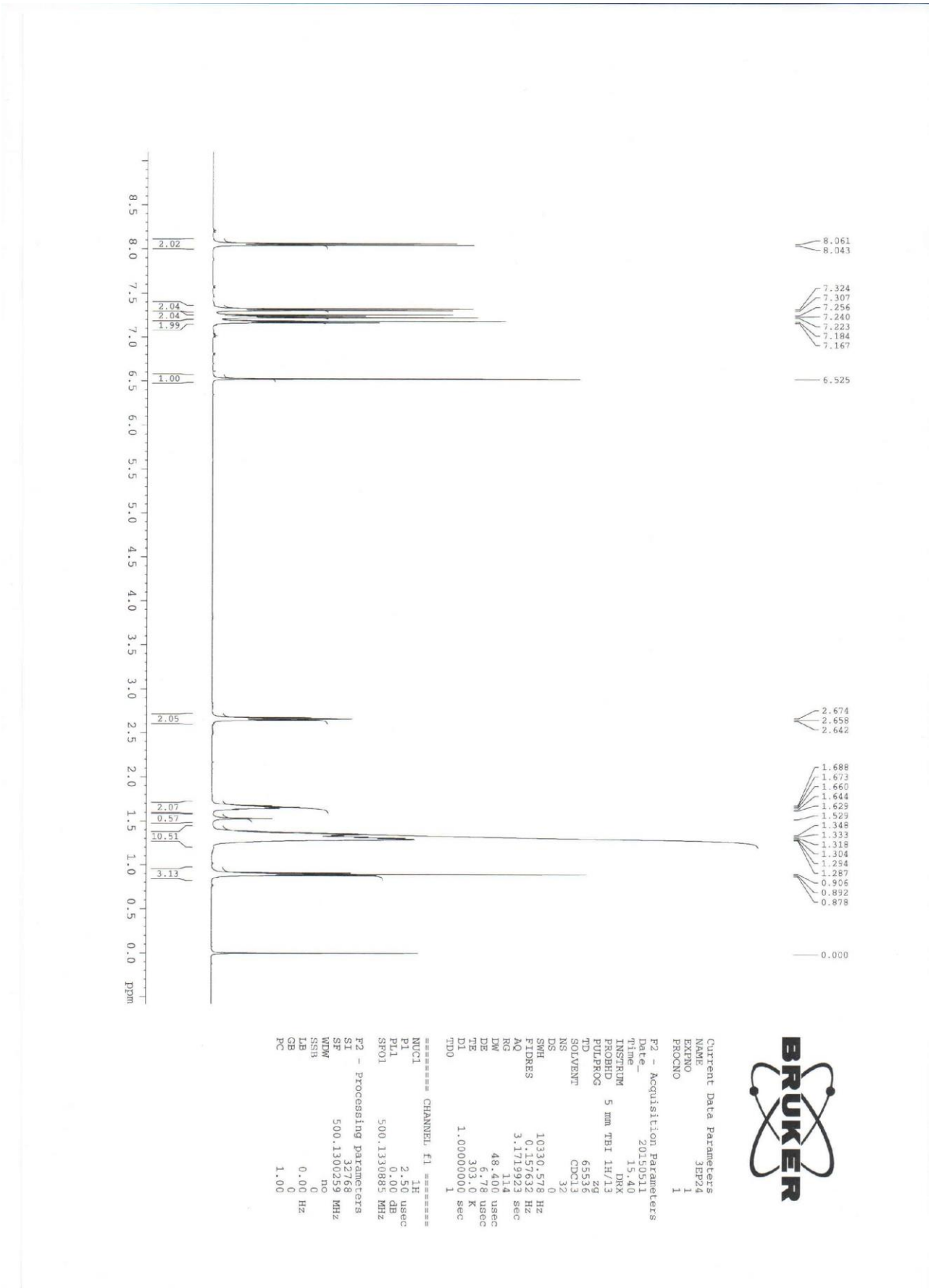
1. General remarks.

All reagents and solvents were purchased from commercial sources and were used as received unless otherwise noted. Reagent grade solvents (CH_2Cl_2, hexanes) were distilled prior to use. DMF was dried over magnesium sulfate, then distilled and stored under argon. Transformations with moisture and oxygen sensitive compounds were performed under a stream of argon. The reaction progress was monitored by means of thin layer chromatography (TLC), which was performed on aluminium foil plates, covered with Silica gel 60 F_{254} (Merck) or Aluminium oxide 60 F_{254} (neutral, Merck). Products purification was done by means of column chromatography with Kieselgel 60 (Merck) or Aluminium oxide (Fluka). Occasionally, dry column vacuum chromatography (DCVC**)** for purification of products obtained was performed using Silica gel Type D 5F. The identity and purity of prepared compounds were proved by ^{1}H NMR and ^{13}C NMR spectrometry as well as by MS-spectrometry (*via* EI-MS or ESI-MS). NMR spectra were measured on Bruker AM 500 MHz, Bruker AM 600 MHz, Varian 600 MHz, Varian 400 MHz or Varian 200 MHz instruments with TMS as internal standard. All chemical shifts are given in ppm. All melting points for crystalline products were measured with automated melting point apparatus EZ-MELT and were given without correction. The absorbance and fluorescence spectra were measured in dichloromethane on Perkin – Elmer Lambda 25 UV/VIS and Hitachi F-7000 respectively.

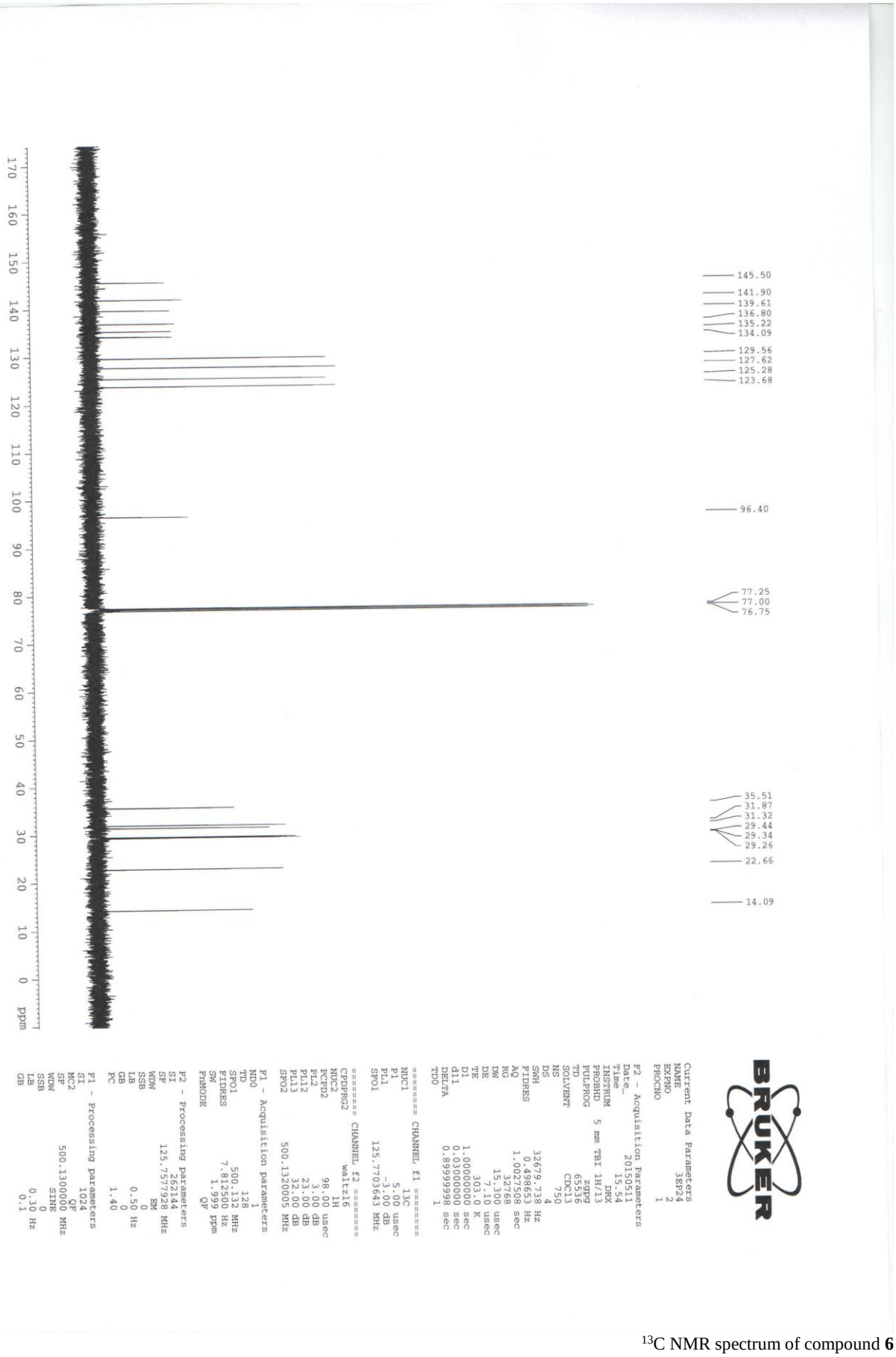
Linear optical measurements

Steady-state fluorescence measurements were performed with dilute solutions (10^{-6}M, optical density<0.1) contained in standard 1 cm quartz cuvettes at room temperature. Compounds were dissolved in dichloromethane unless otherwise noted. Emission spectra were obtained, for each compound, under excitation at λ=350 nm. Fluorescence quantum yields were measured by using quinine hemisulphate monohydrate in 0.5m sulfuric acid as a standard.

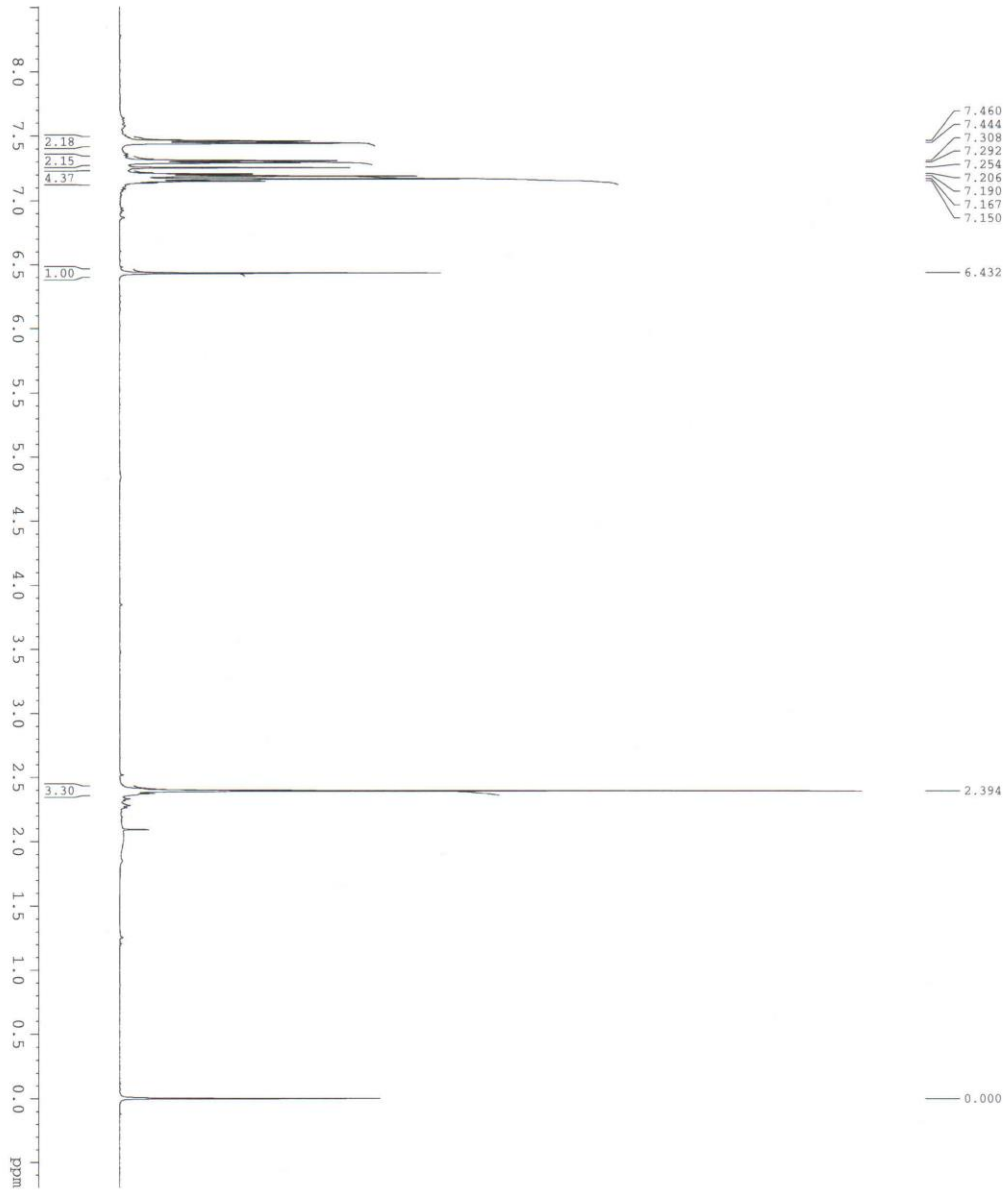
2. ^{1}H and ^{13}C NMR spectra



^{1}H NMR spectrum of compound **6**



^{13}C NMR spectrum of compound **6**

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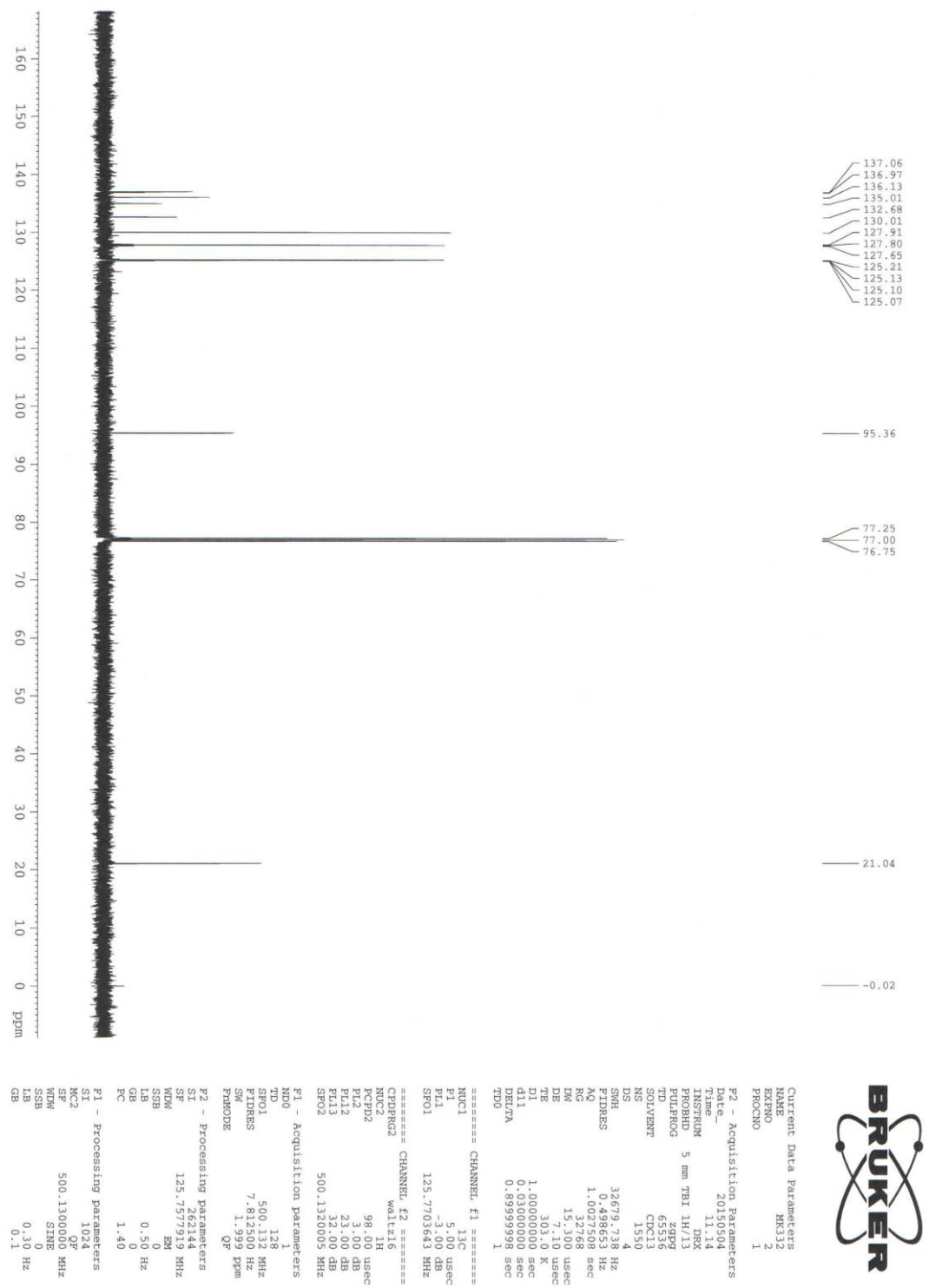
^{1}H NMR spectrum of compound **7**



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GB 0.1

^{13}C NMR spectrum of compound **7**

3. Crystal packing for compound 9.