Ferrocenylphosphines as New Catalysts for Baylis-Hillman Reaction

Supporting Information

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General Methods: All anaerobic and moisture-sensitive manipulations were carried out under nitrogen atmosphere. Dichloromethane, toluene, THF, CH_3CN, MeOH, AcOEt and DMF were dried and stored over microwave-activated 4Å molecular sieves. Reactions were monitored by thin-layer chromatography carried out on 0.25 mm silica gel plates. 230-400 mesh silica gel was used for flash column chromatography. The combined organic layers were dried over Na_2SO_4. Solvents were evaporated under reduced pressure. All given yields refer to as isolated yields. Optical rotations were measured on a precision automated polarimeter. NMR spectra were recorded on 200 or 300 MHz instruments and calibrated using residual undeuterated solvent ($CDCl_3$) as internal reference. IR spectra were recorded on a FT-IR spectrometer. MS and HRMS experiments were performed on high/low resolution magnetic sector mass spectrometer.

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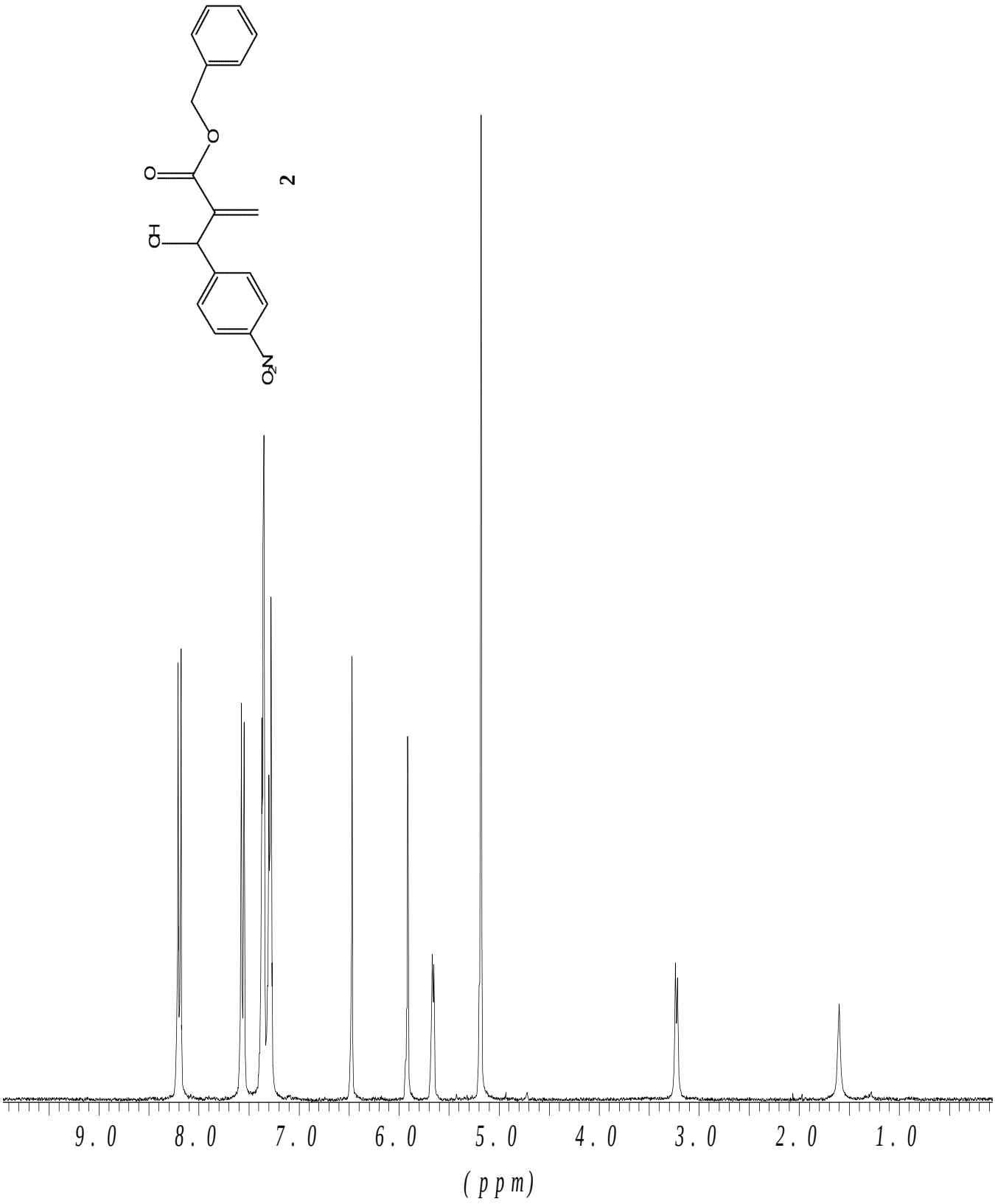
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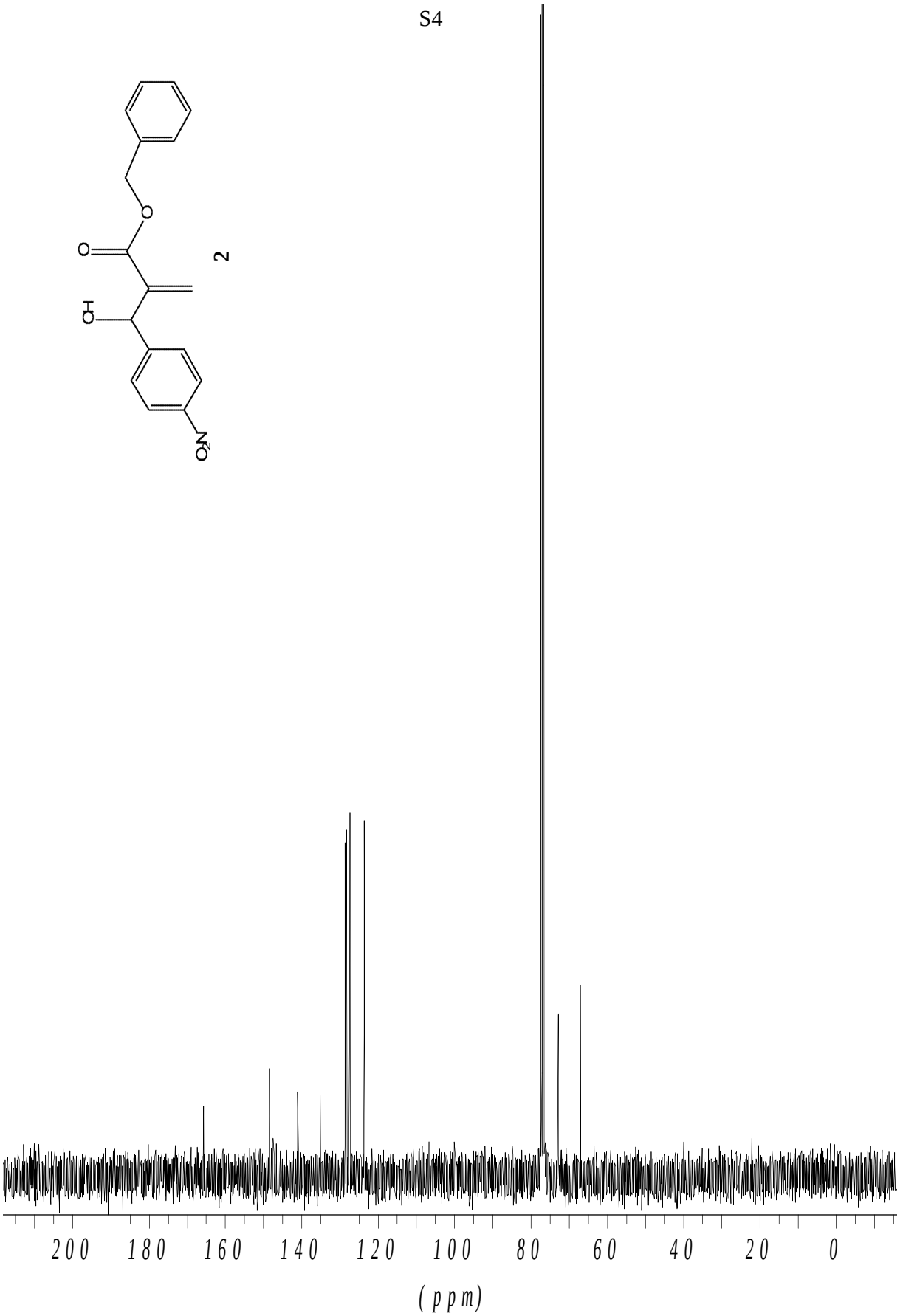

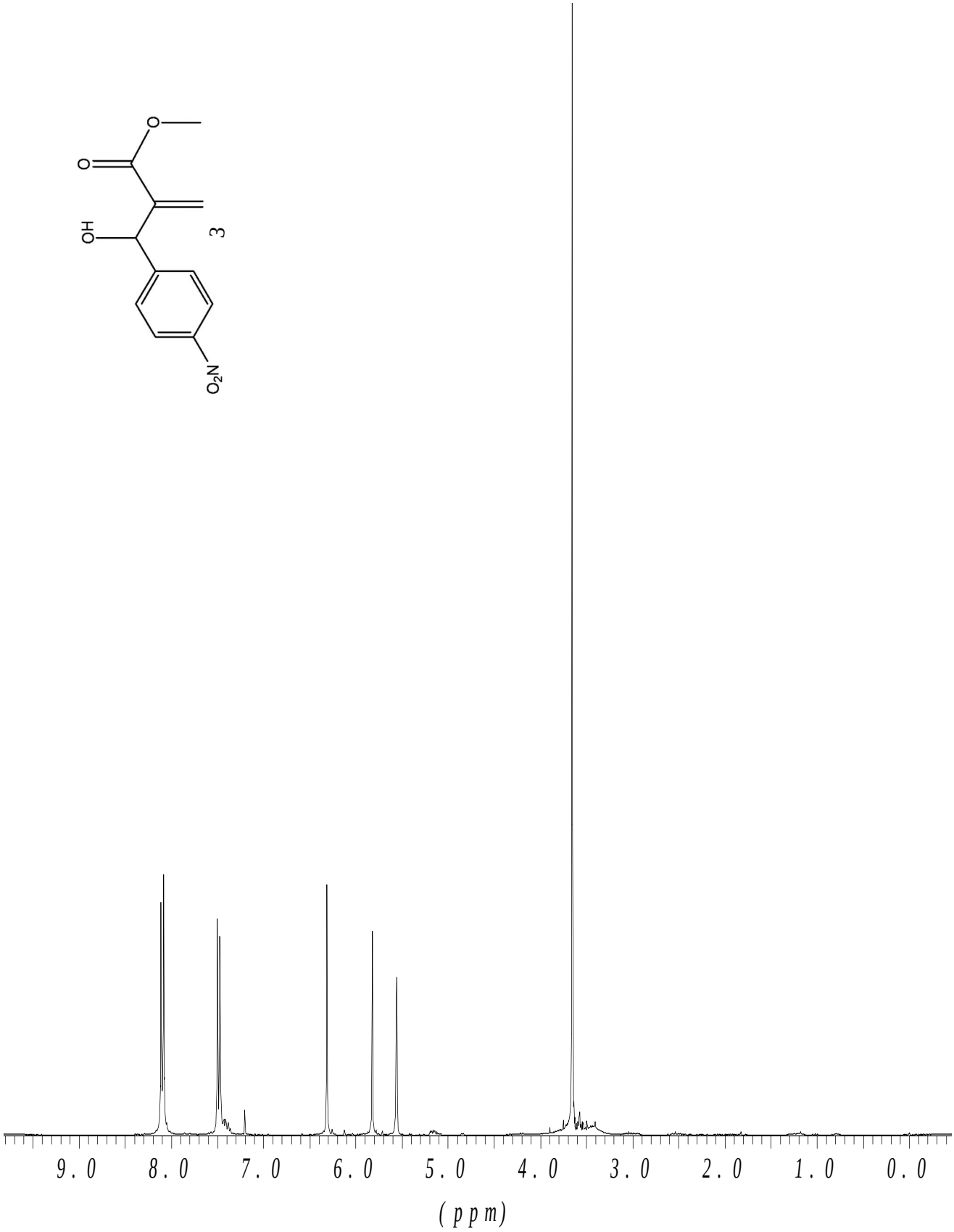
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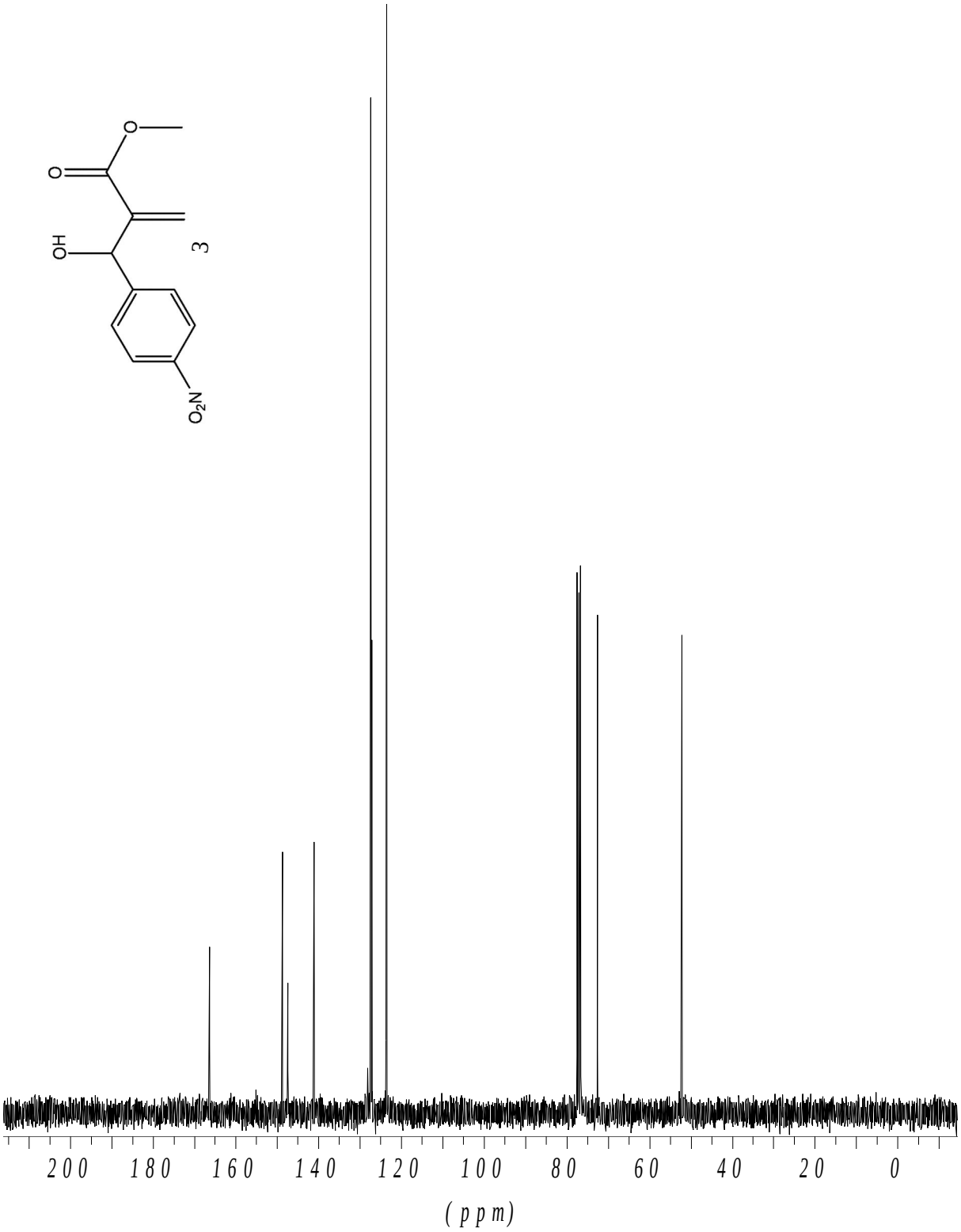
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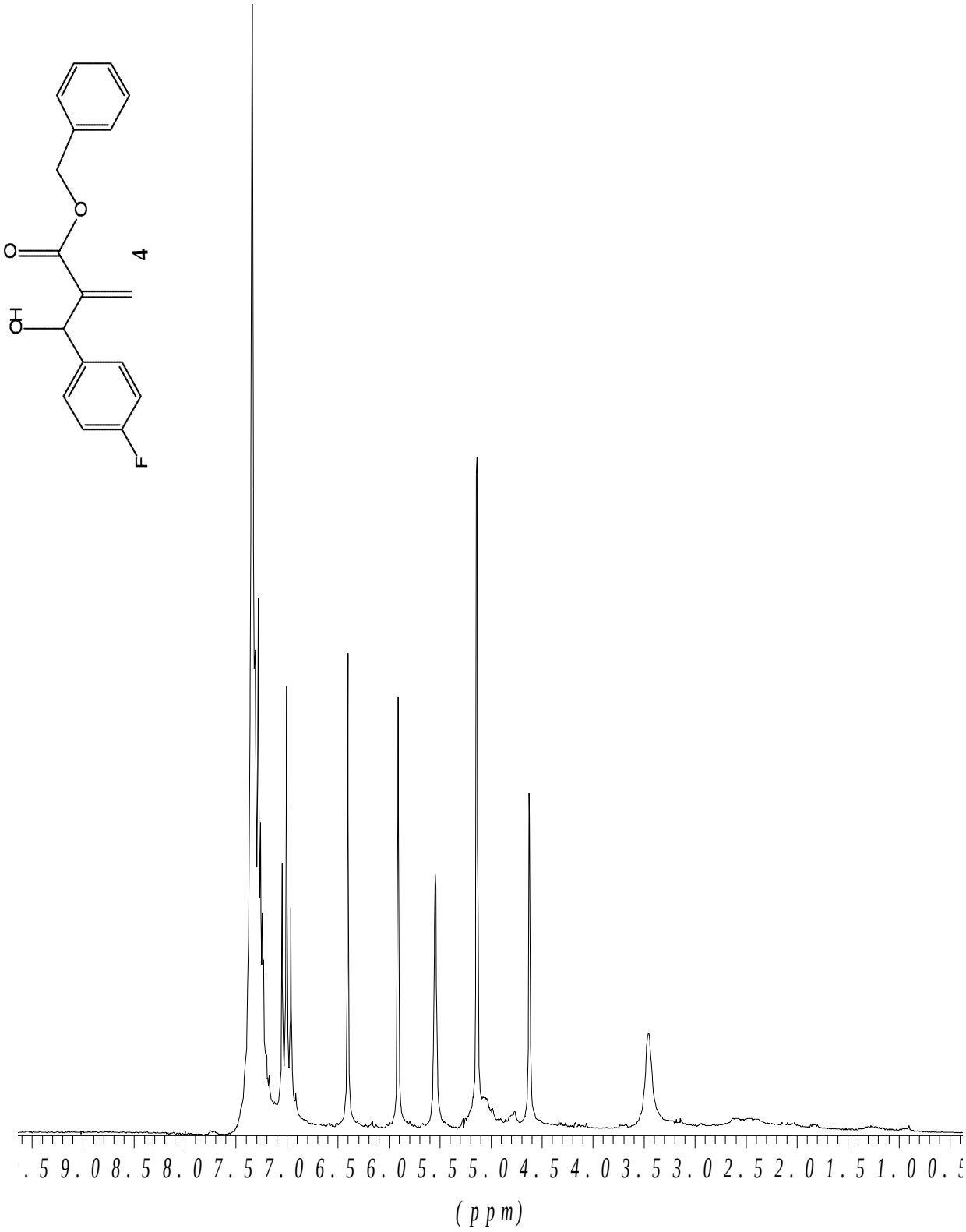
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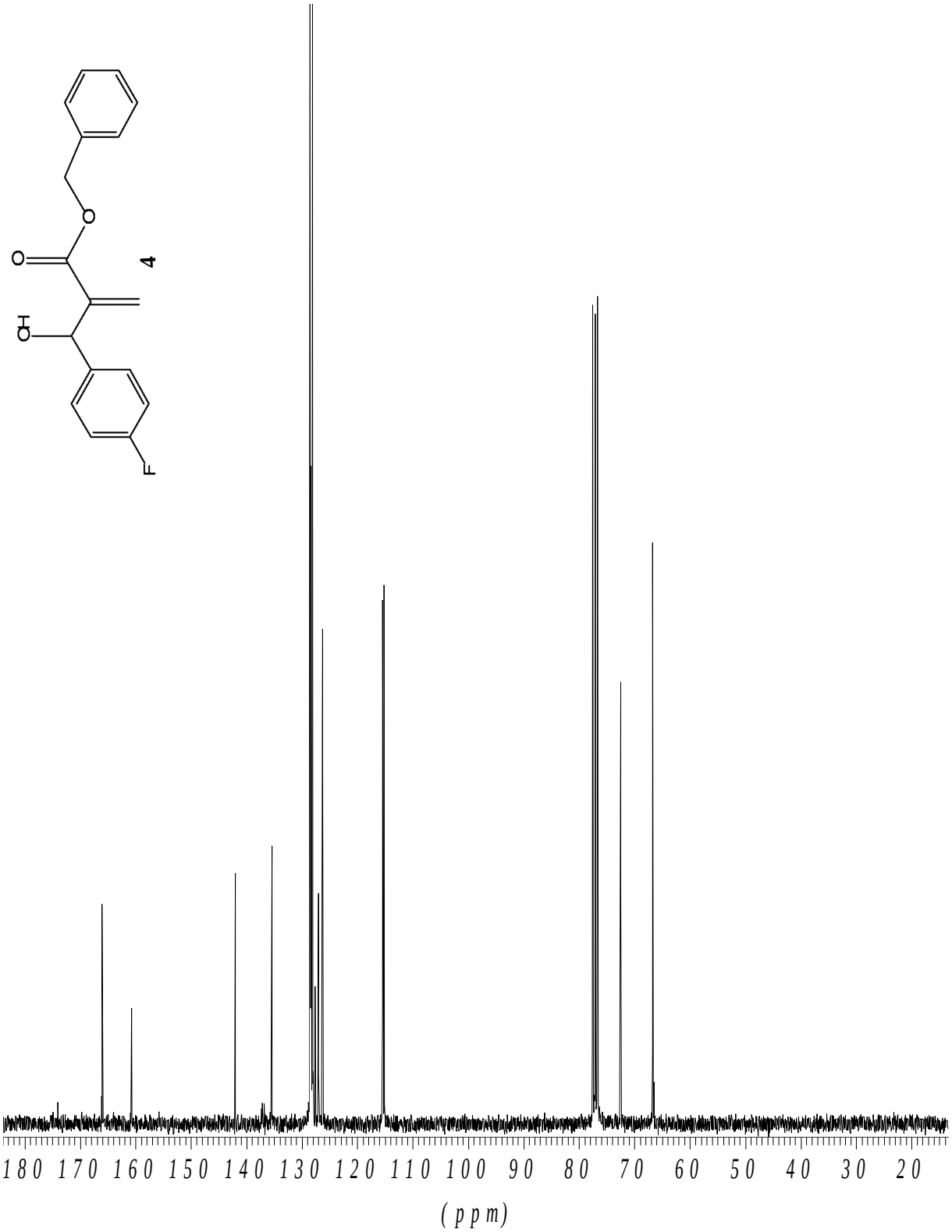
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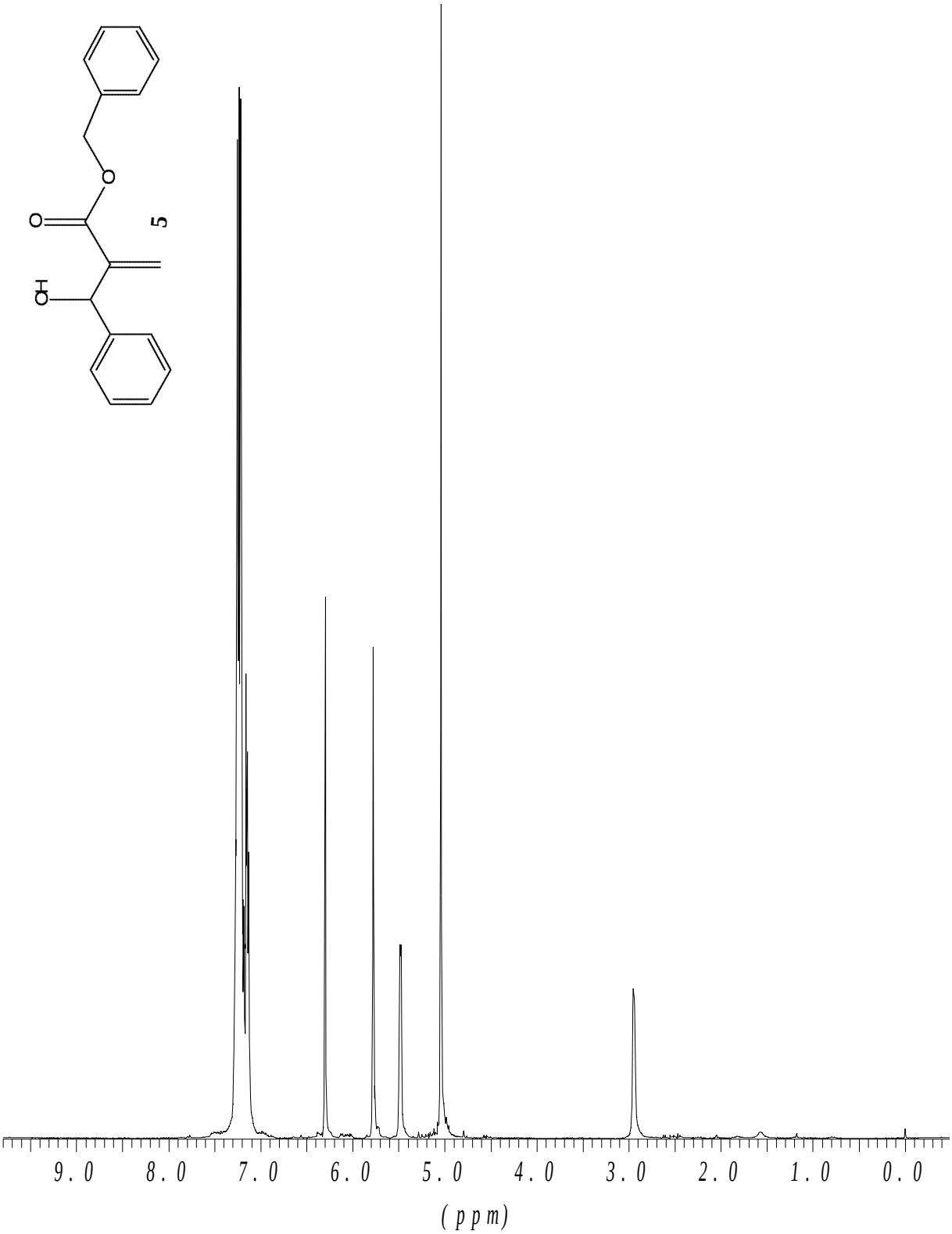
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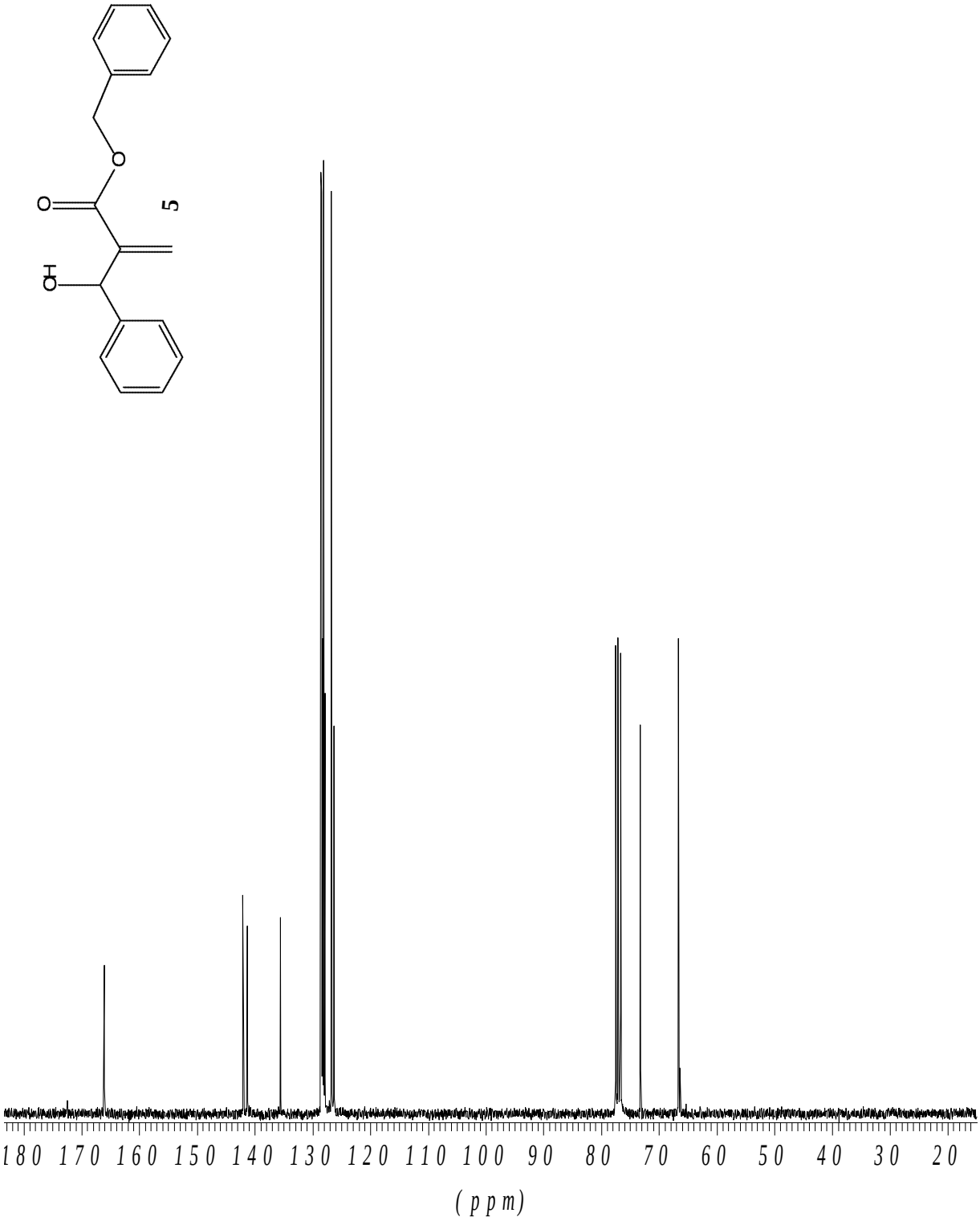
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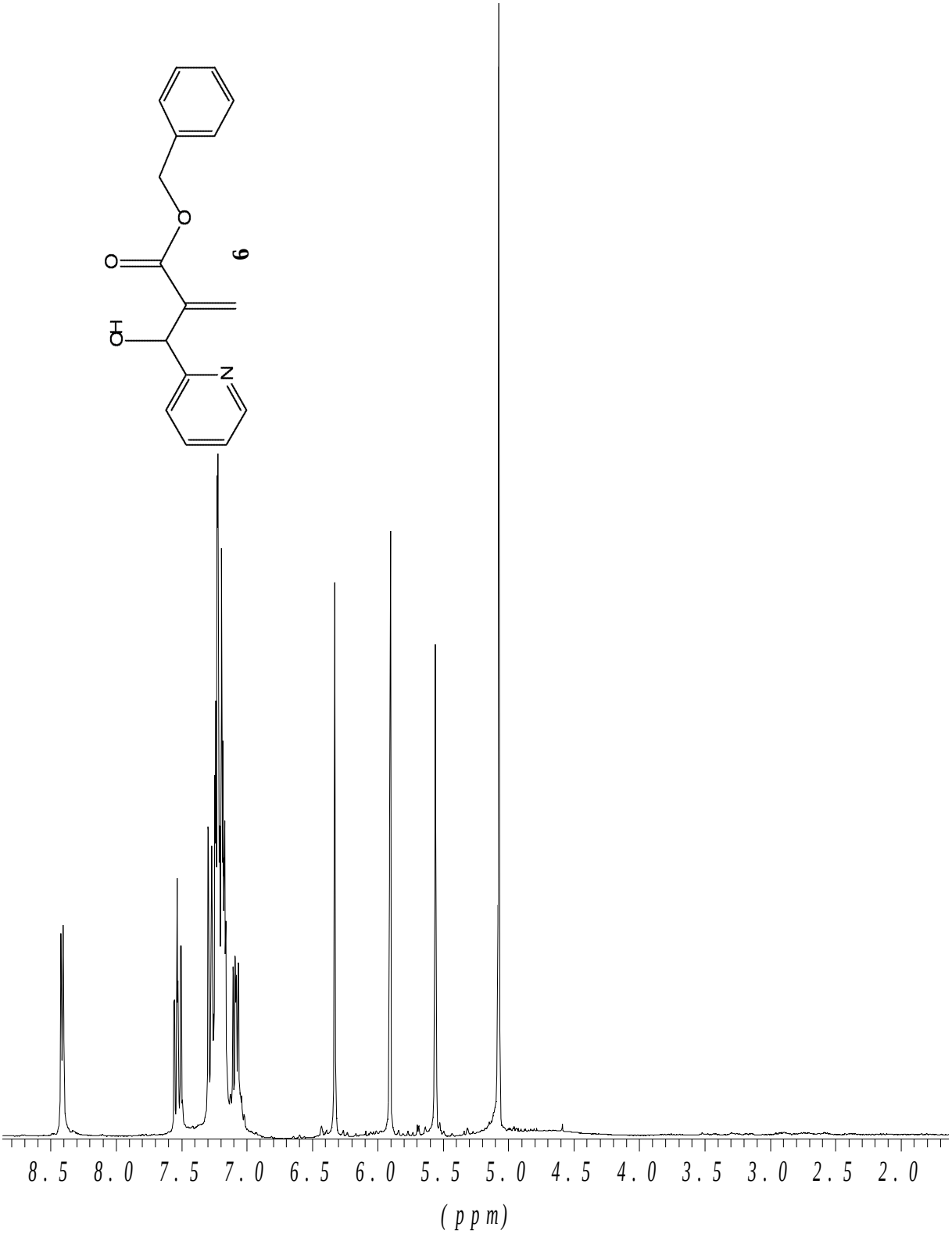
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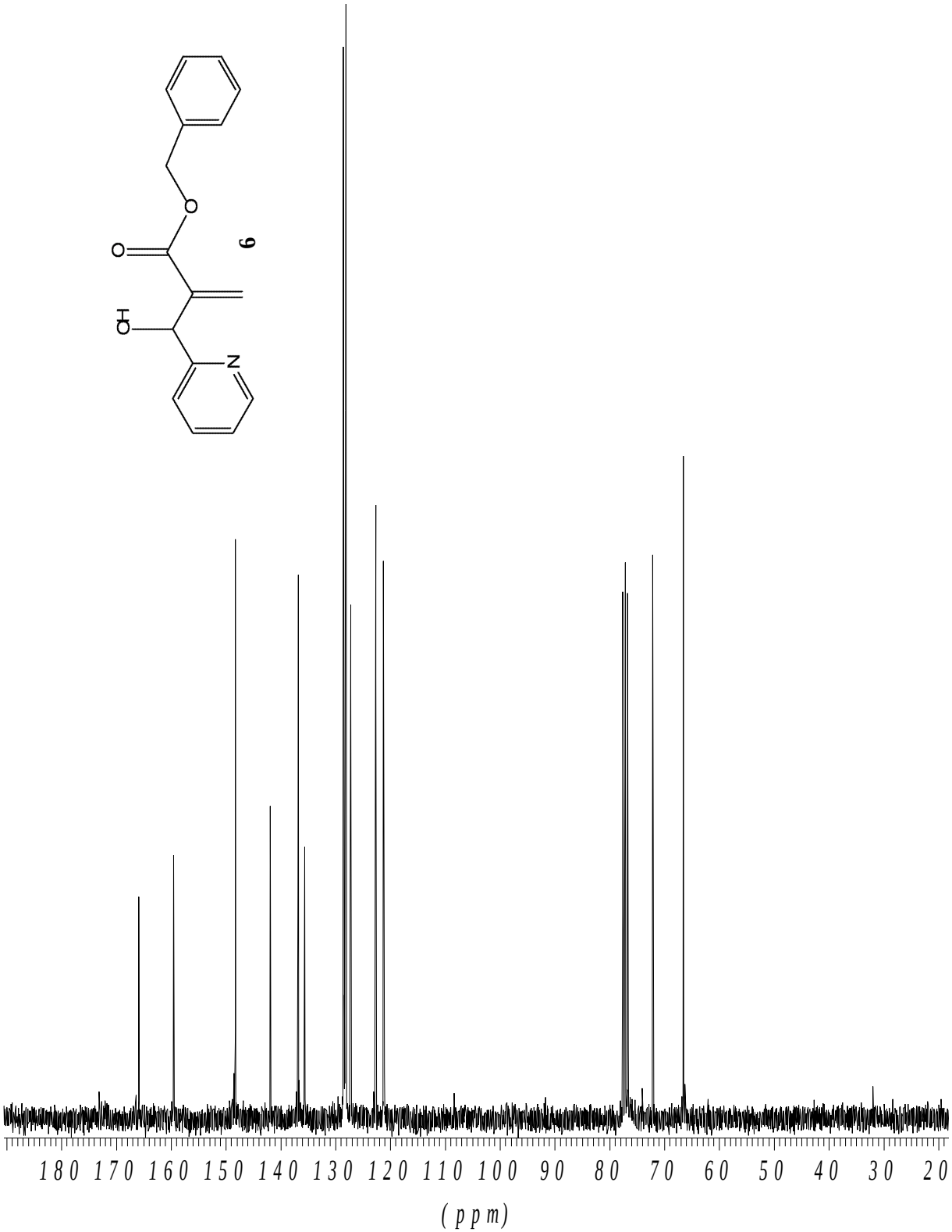
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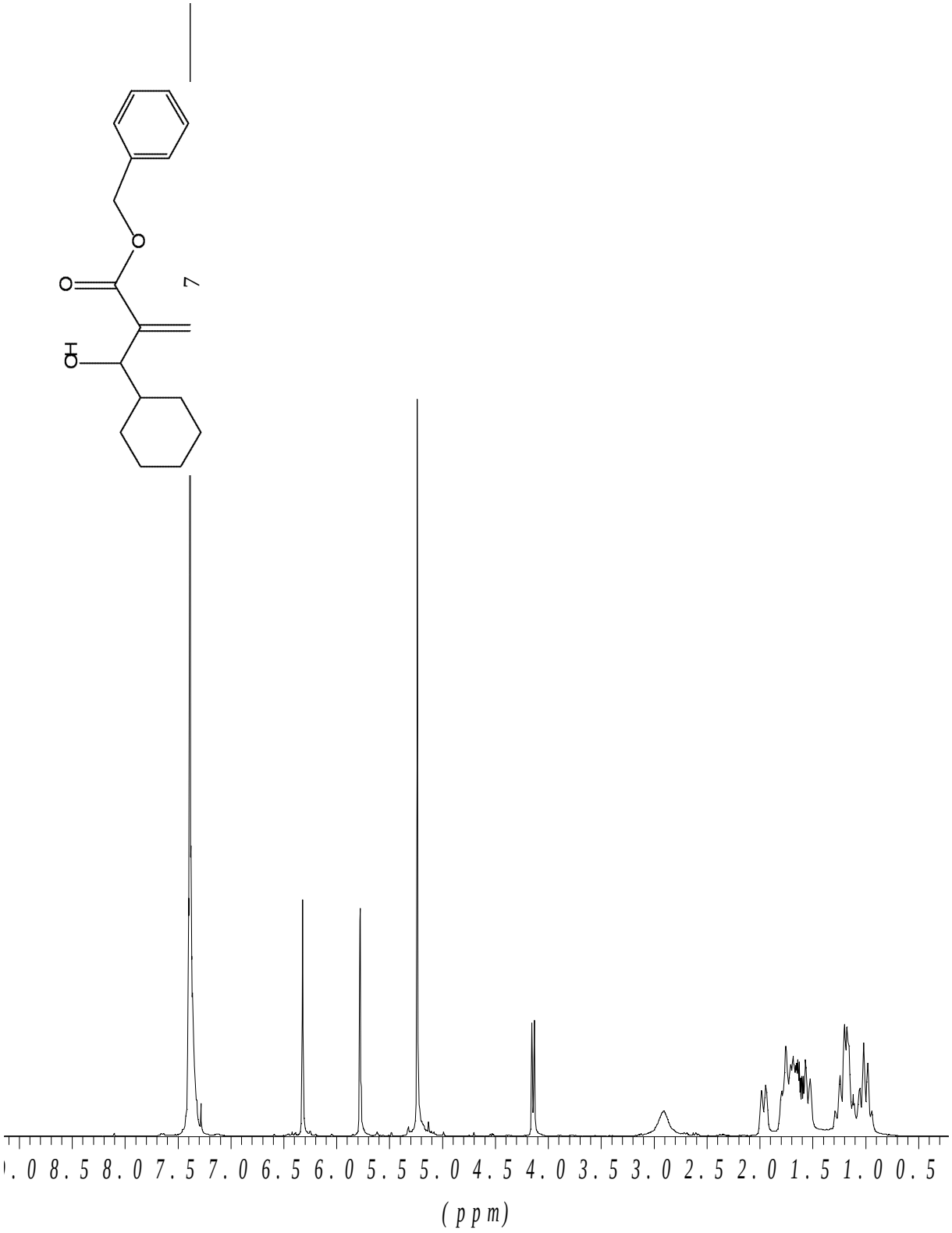
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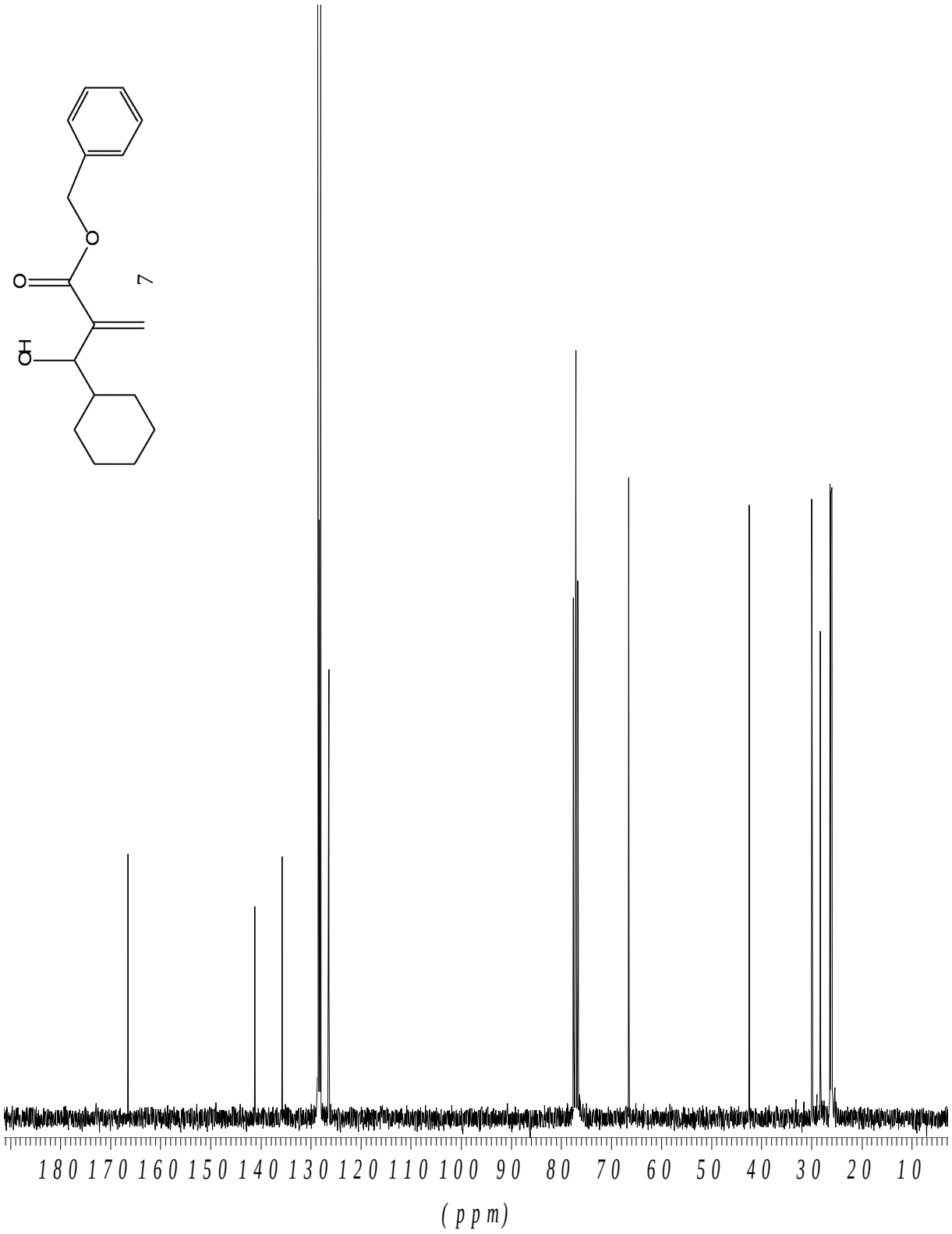
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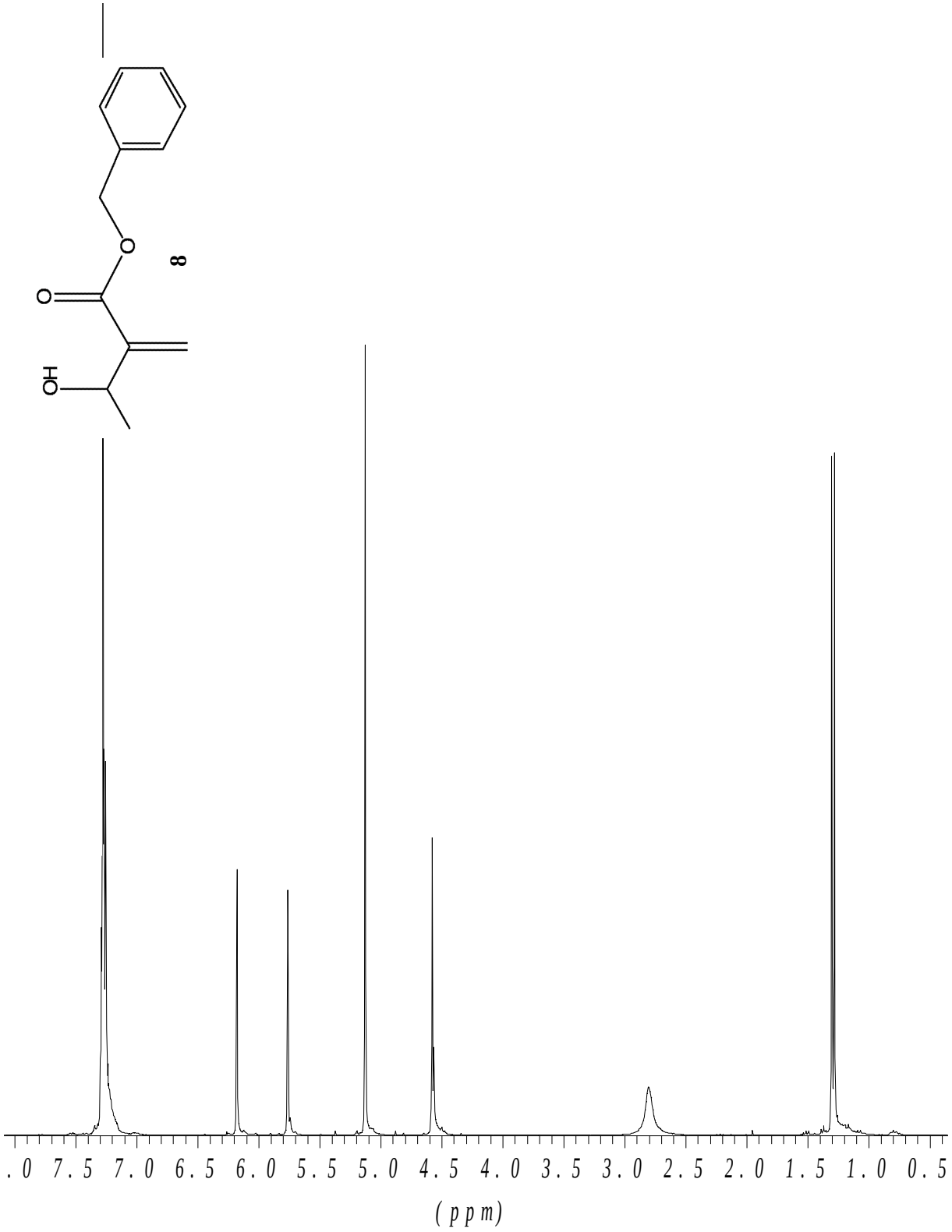
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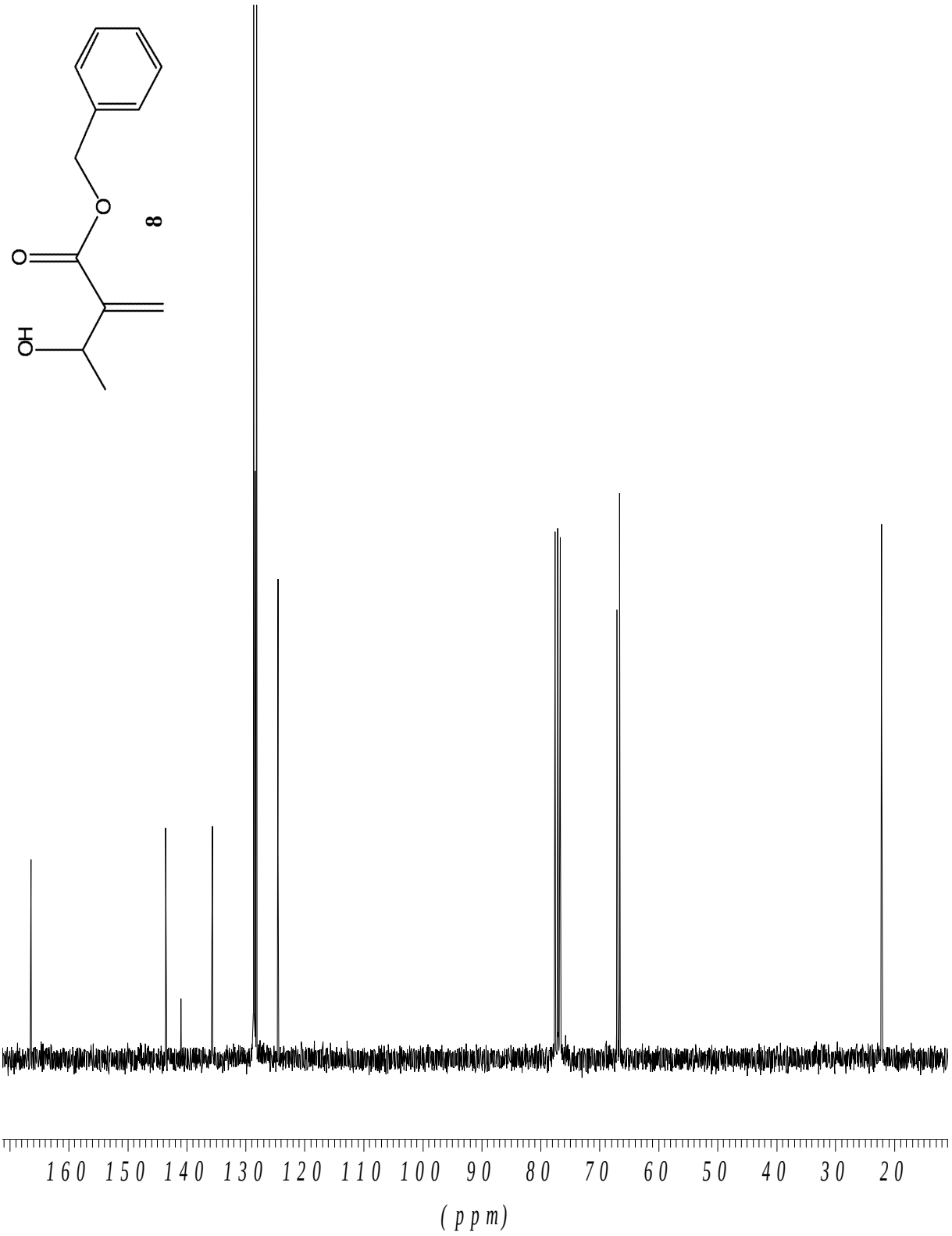
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