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| **IR, 1H and 13C NMR spectrum for compound 5a** |
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| **IR, 1H and 13C NMR spectrum for compound 5b** |

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| **IR, 1H and 13C NMR spectrum for compound 5c** |

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| **IR, 1H and 13C NMR spectrum for compound 5d** |

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| **IR, 1H and 13C NMR spectrum for compound 5e** |