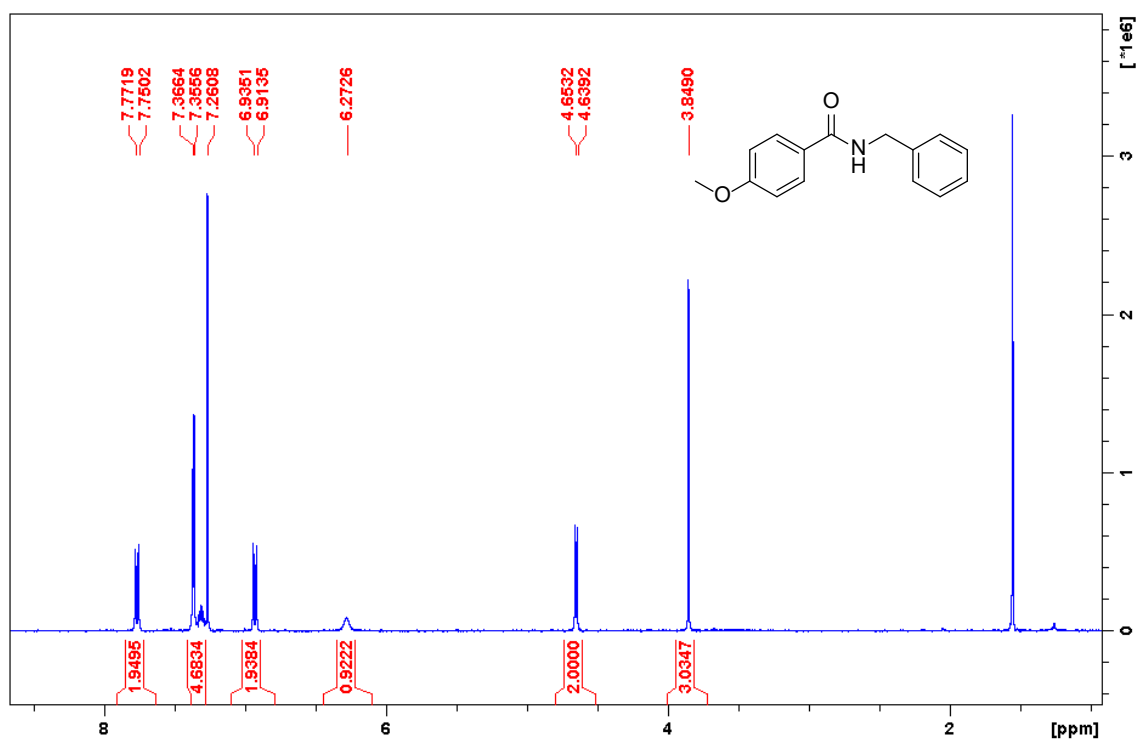


ELECTRONIC SUPPLEMENTARY INFORMATION

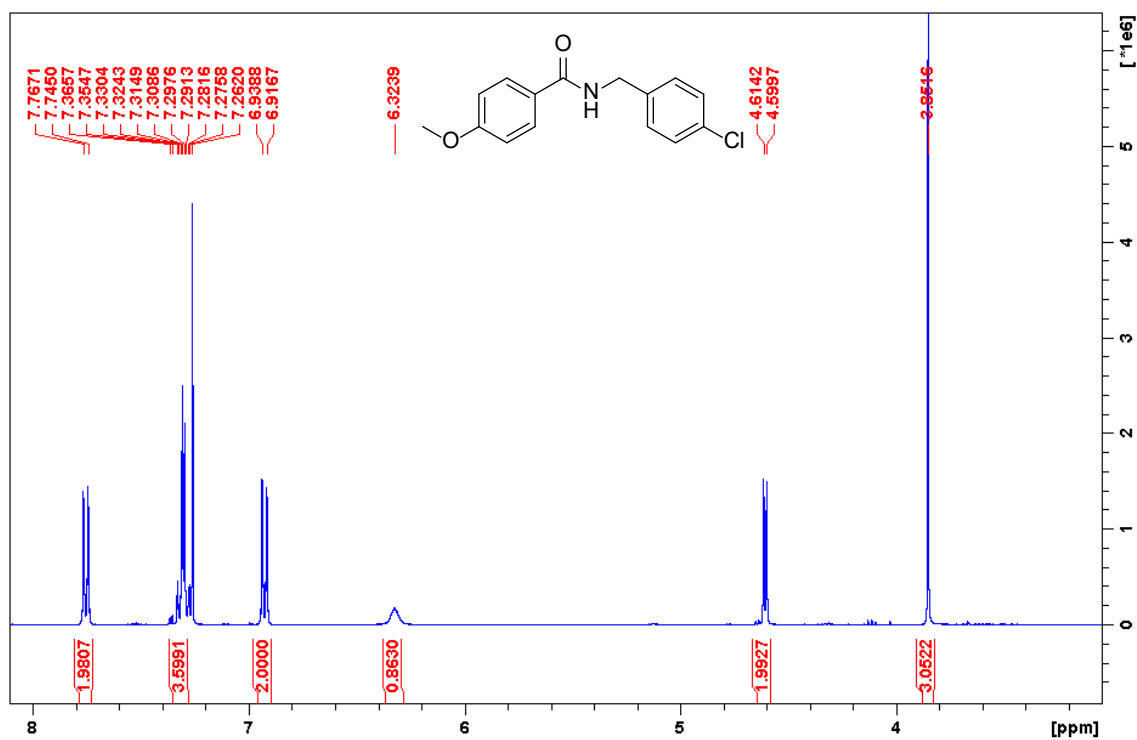
Cobalt catalysed aminocarbonylation of thiols in batch and flow for the preparation of amides

Jose Maria Orduña, Gema Domínguez and Javier Pérez Castells*

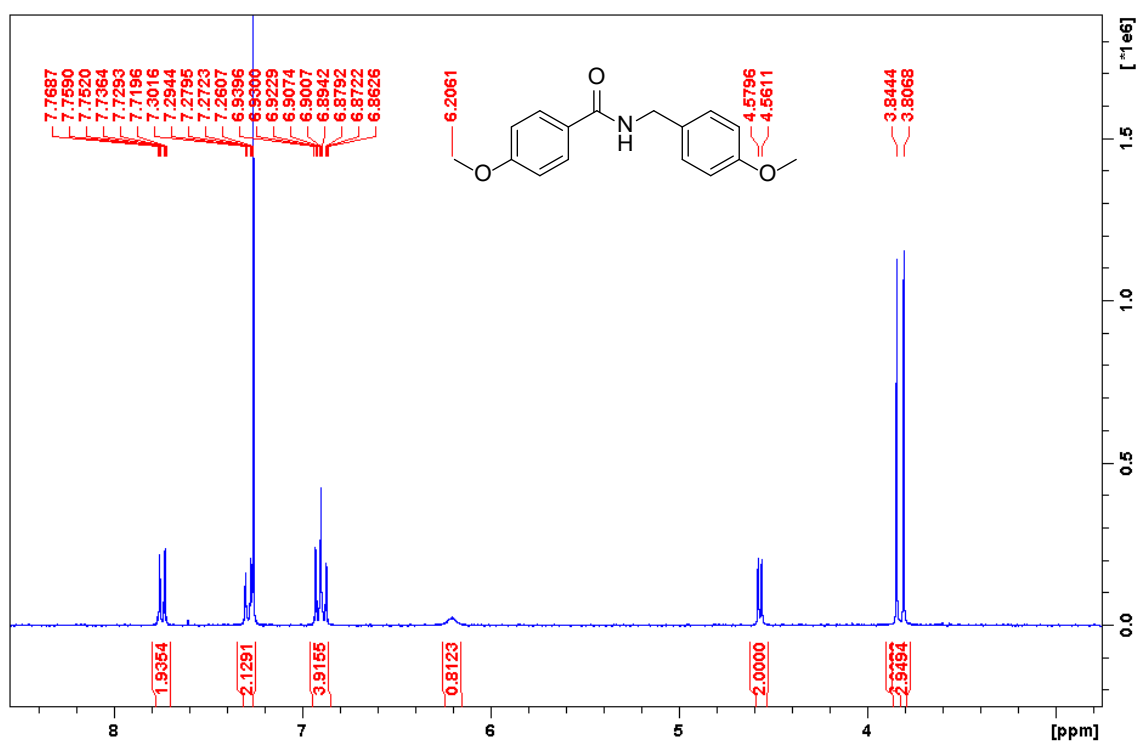
N-benzyl-4-methoxybenzamide, (**1**).



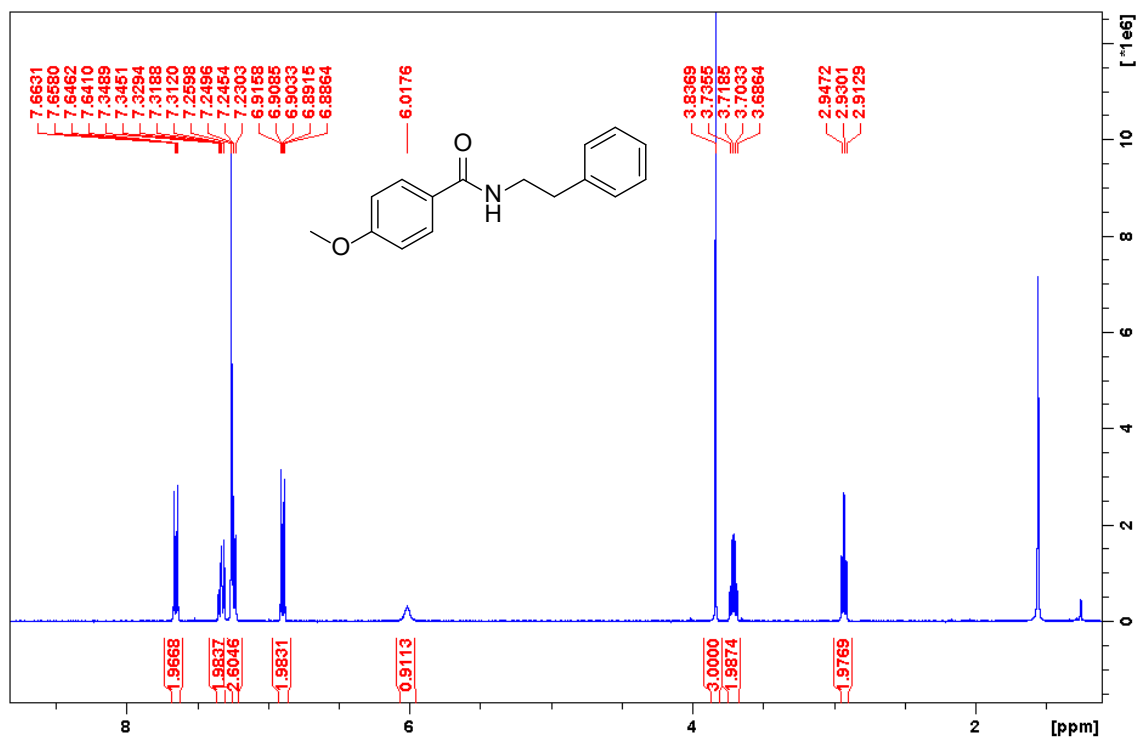
N-(4-chlorobenzyl)-4-methoxybenzamide, (**5**).



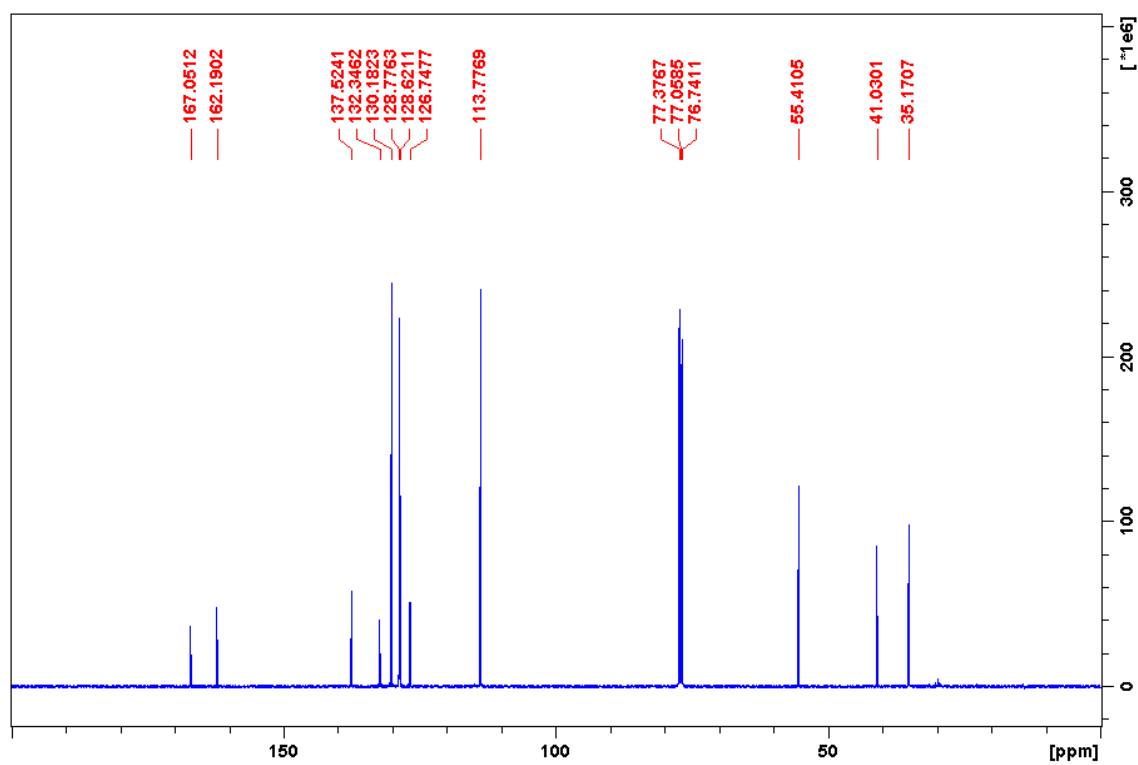
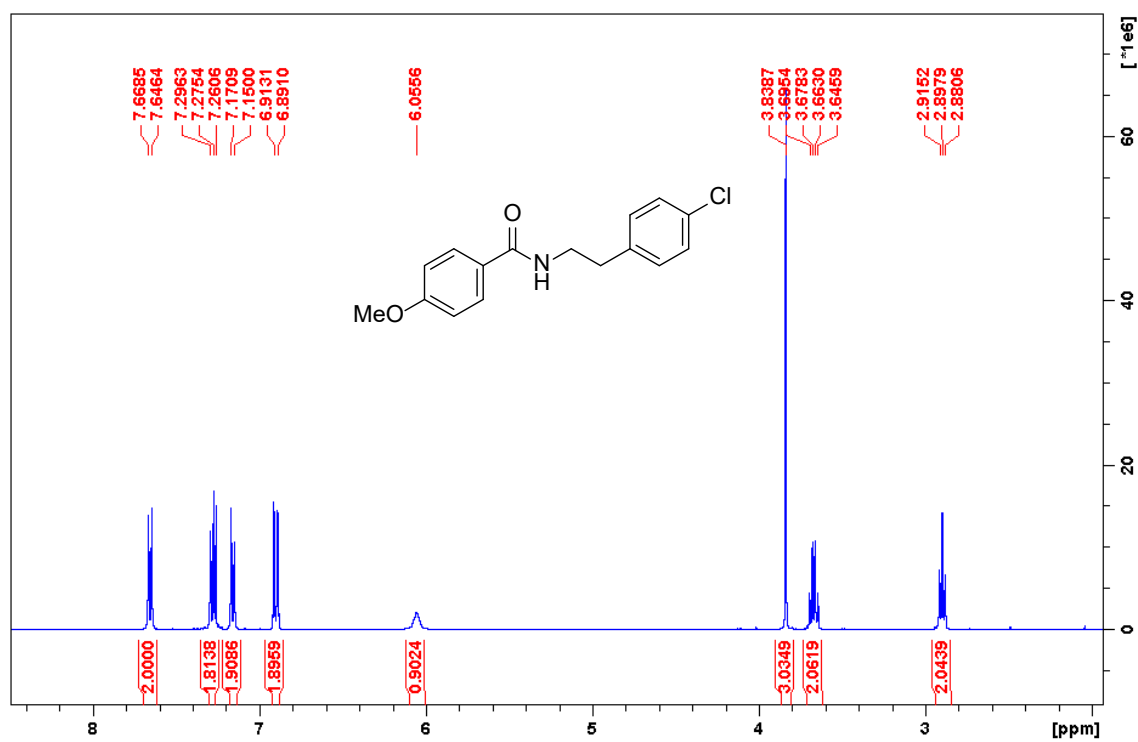
4-methoxy-N-(4-methoxybenzyl)benzamide, (**7**).



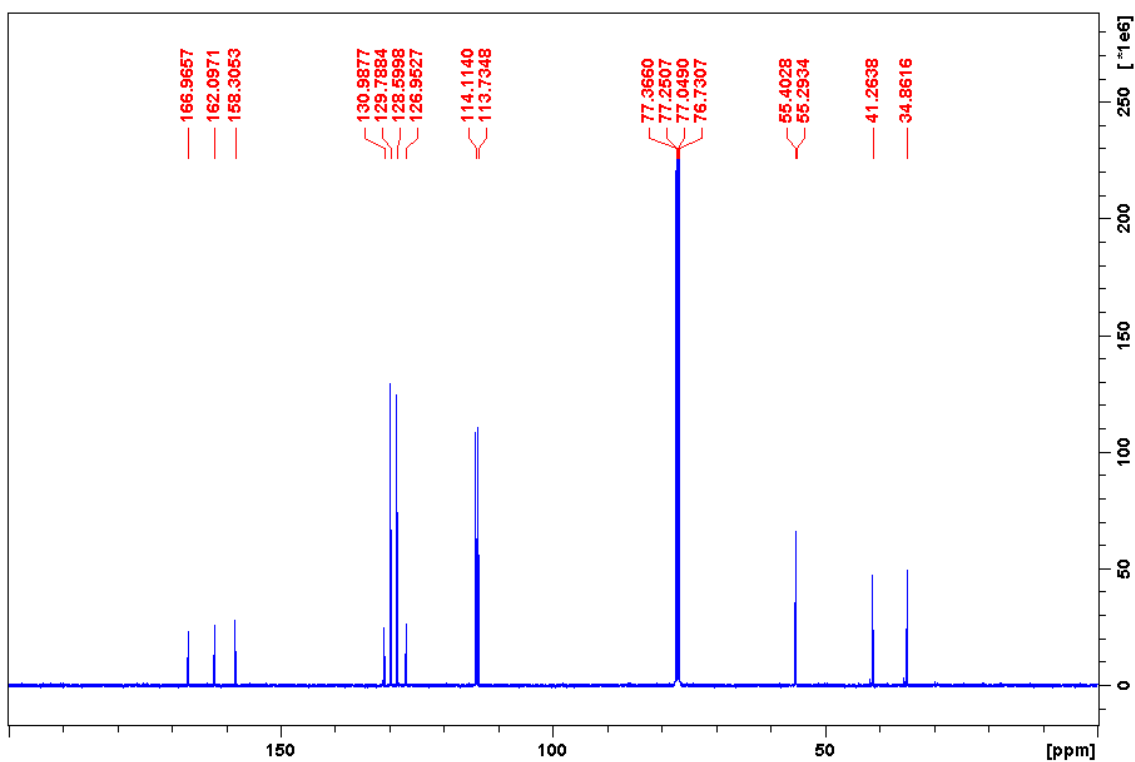
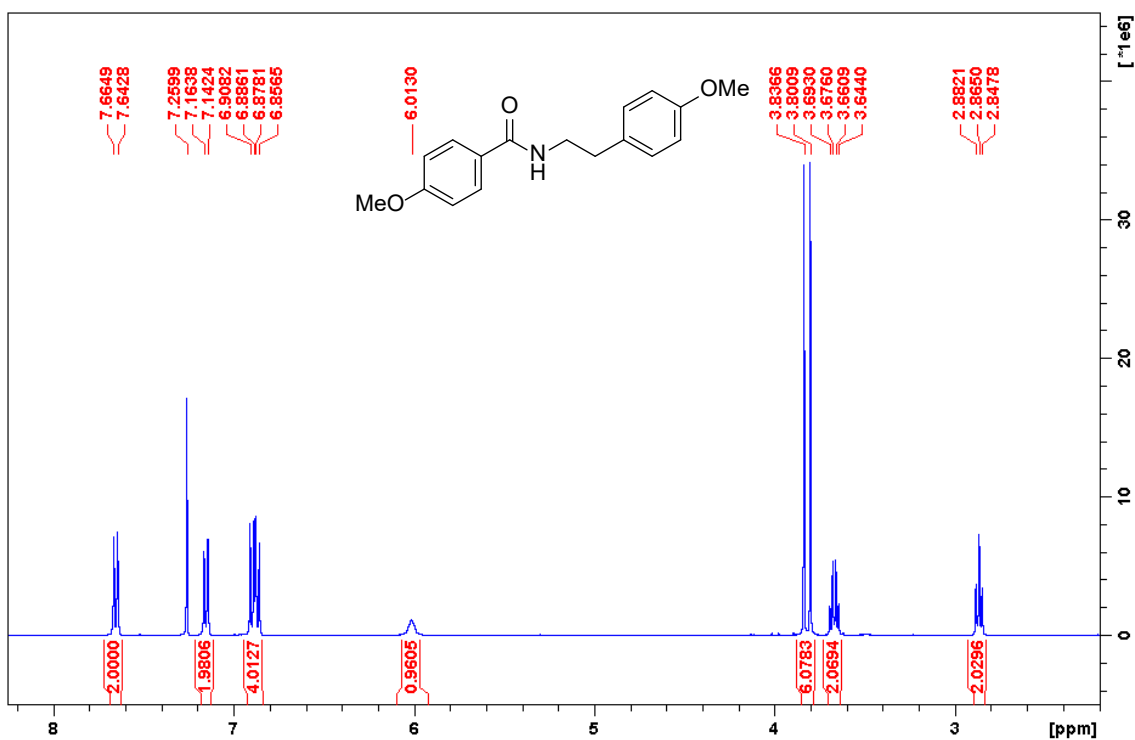
4-methoxy-N-phenethylbenzamide, (**8**).



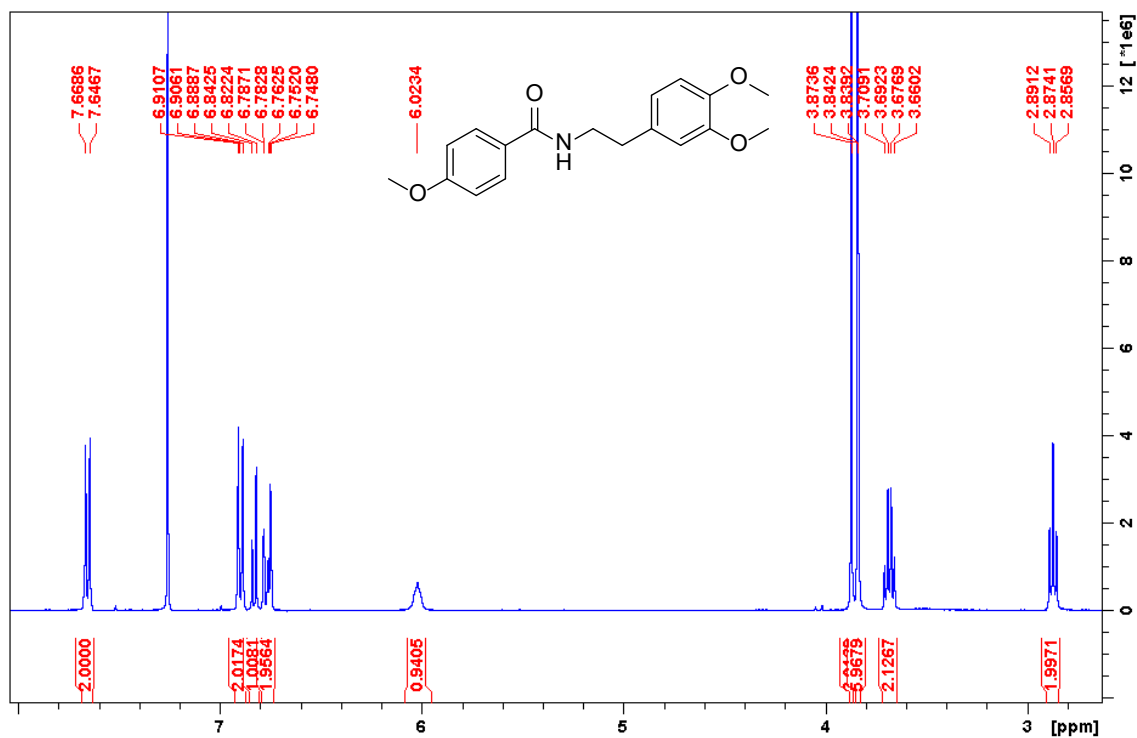
N-(4-chlorophenethyl)-4-methoxybenzamide, (9).



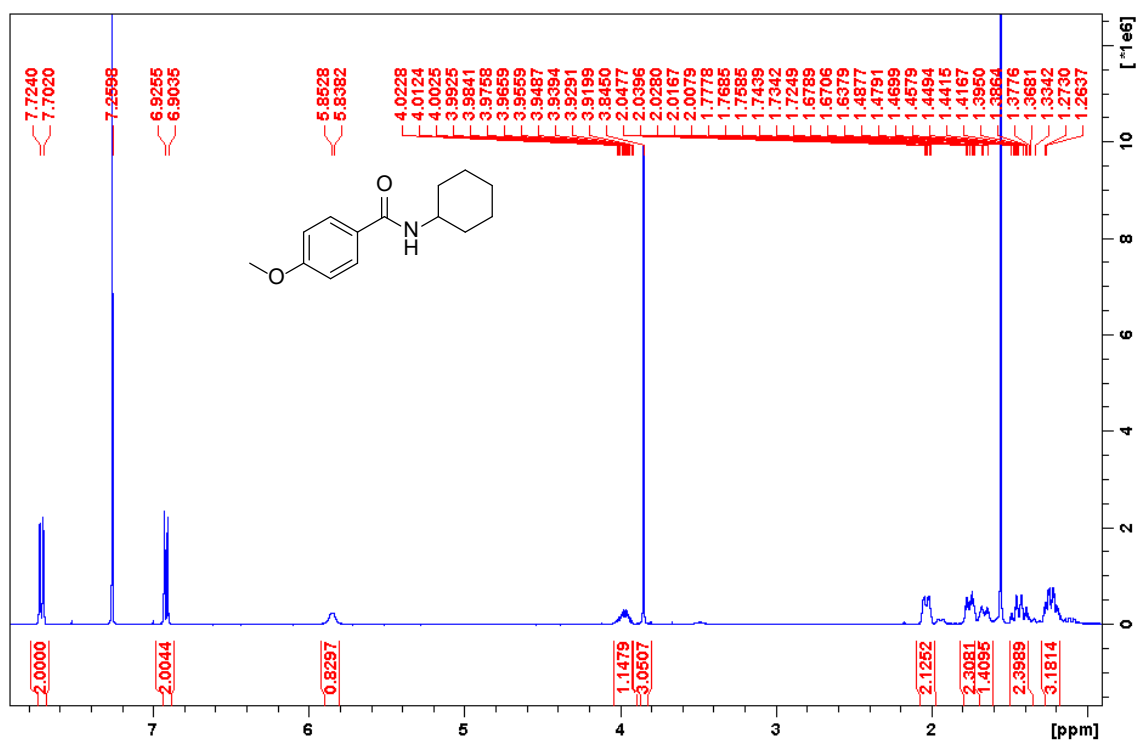
N-(4-methoxyphenethyl)-4-methoxybenzamide, (**10**)



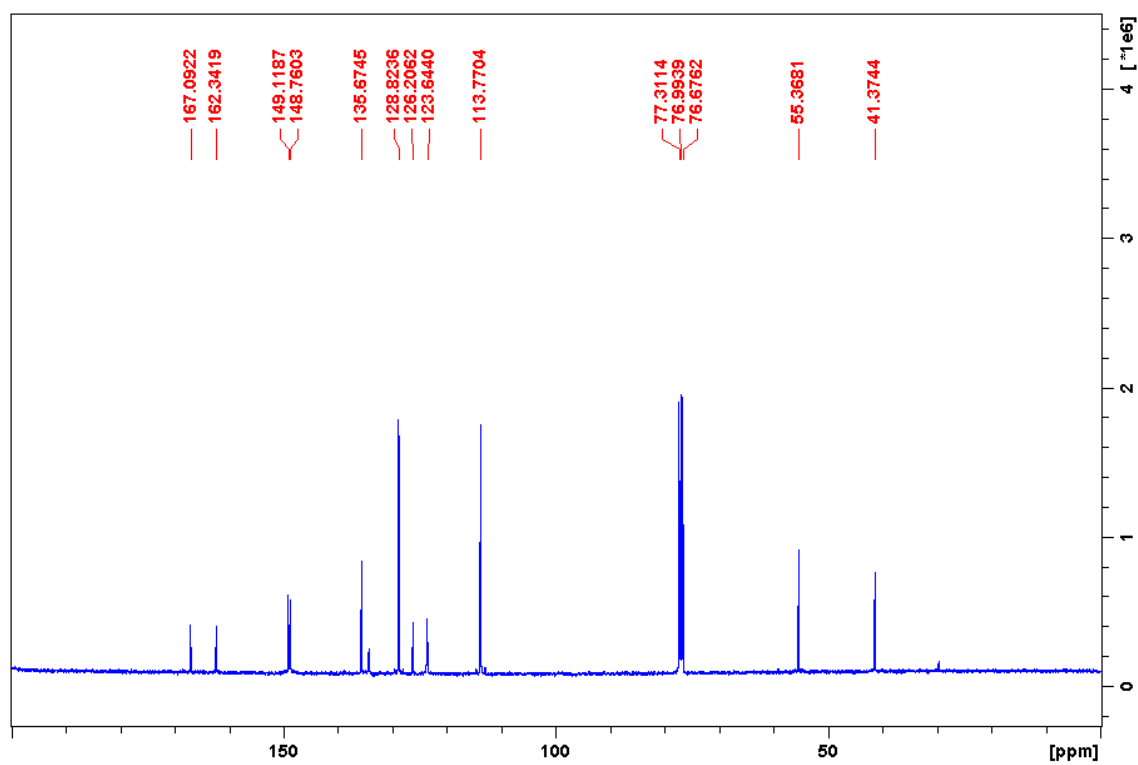
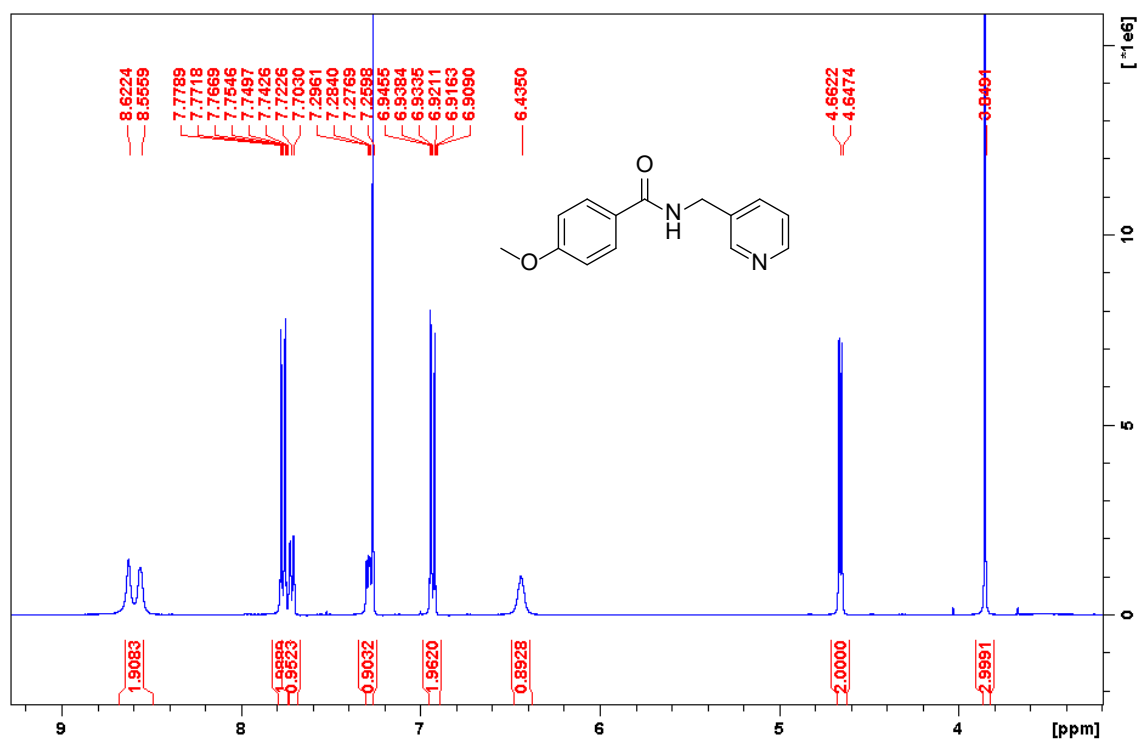
N-(3,4-dimethoxyphenethyl)-4-methoxybenzamide, (**11**).



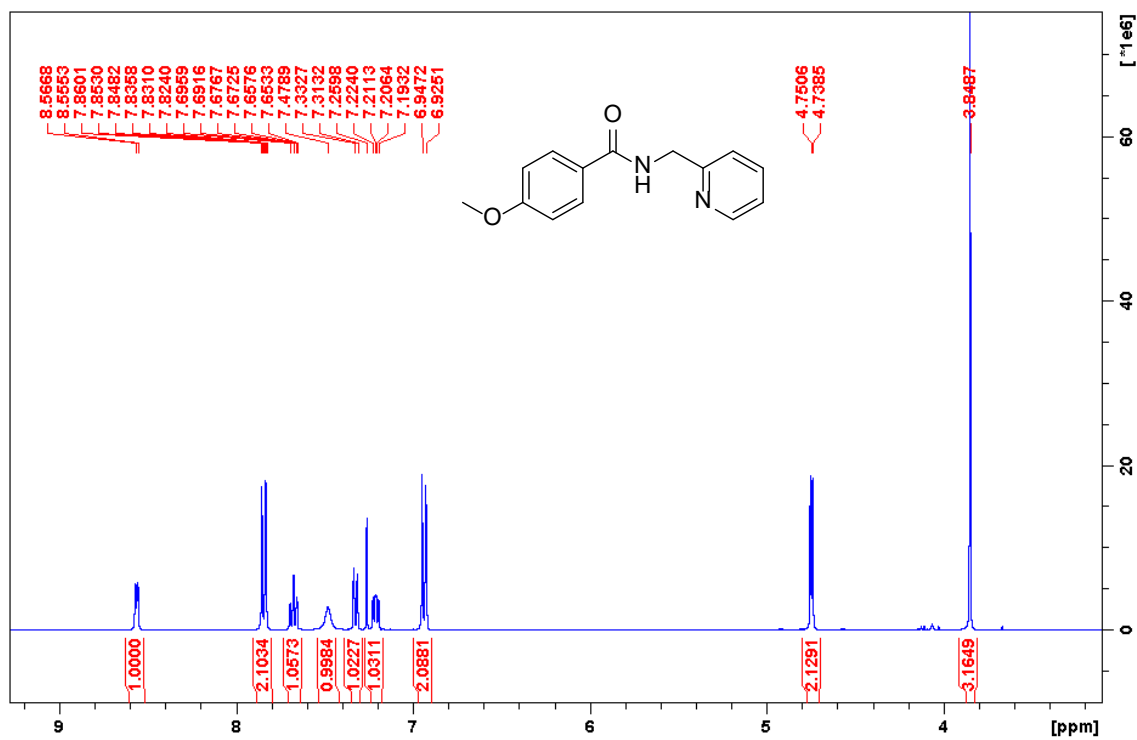
N-cyclohexyl-4-methoxybenzamide, (**12**).



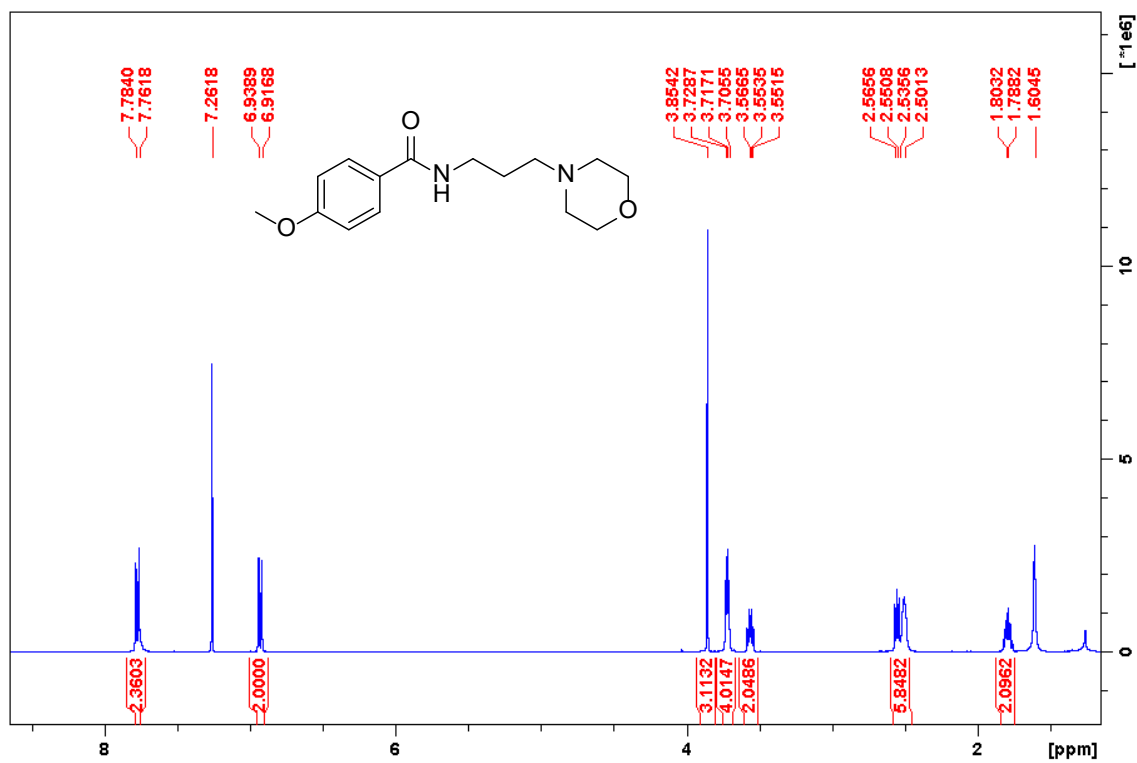
4-Methoxy-N-(pyridin-3-ylmethyl)benzamide, (**13**).

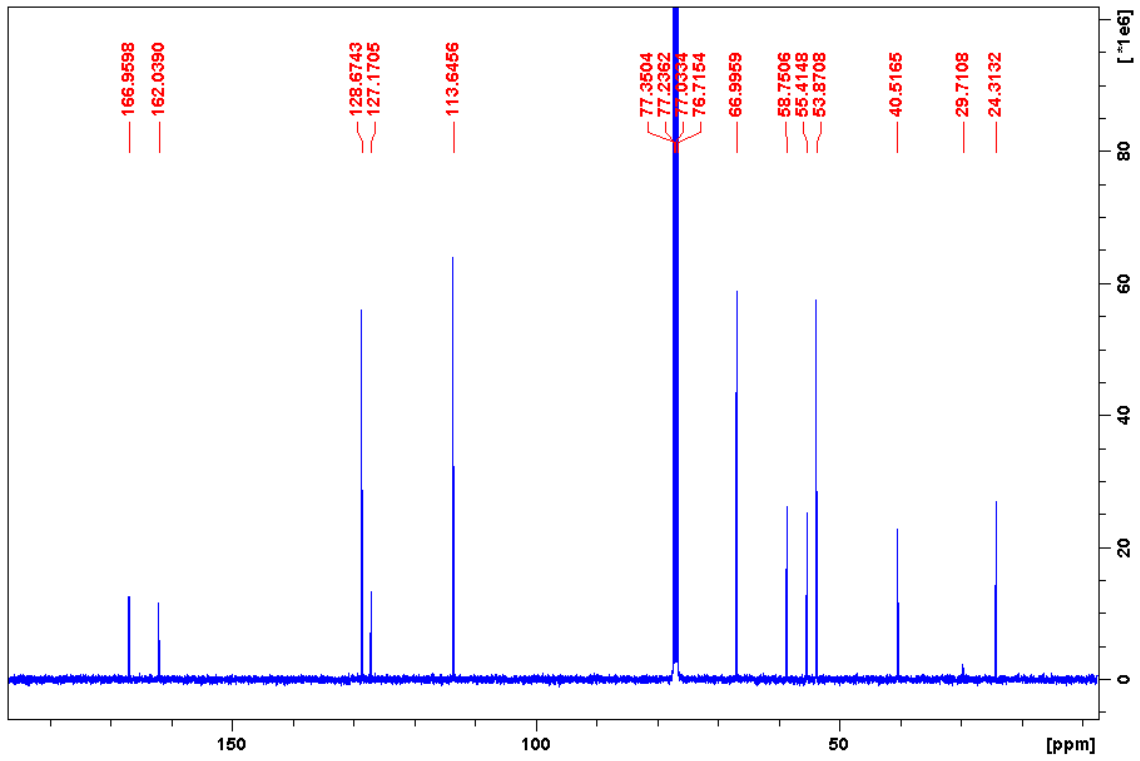


4-methoxy-N-(pyridin-2-ylmethyl)benzamide, (14).

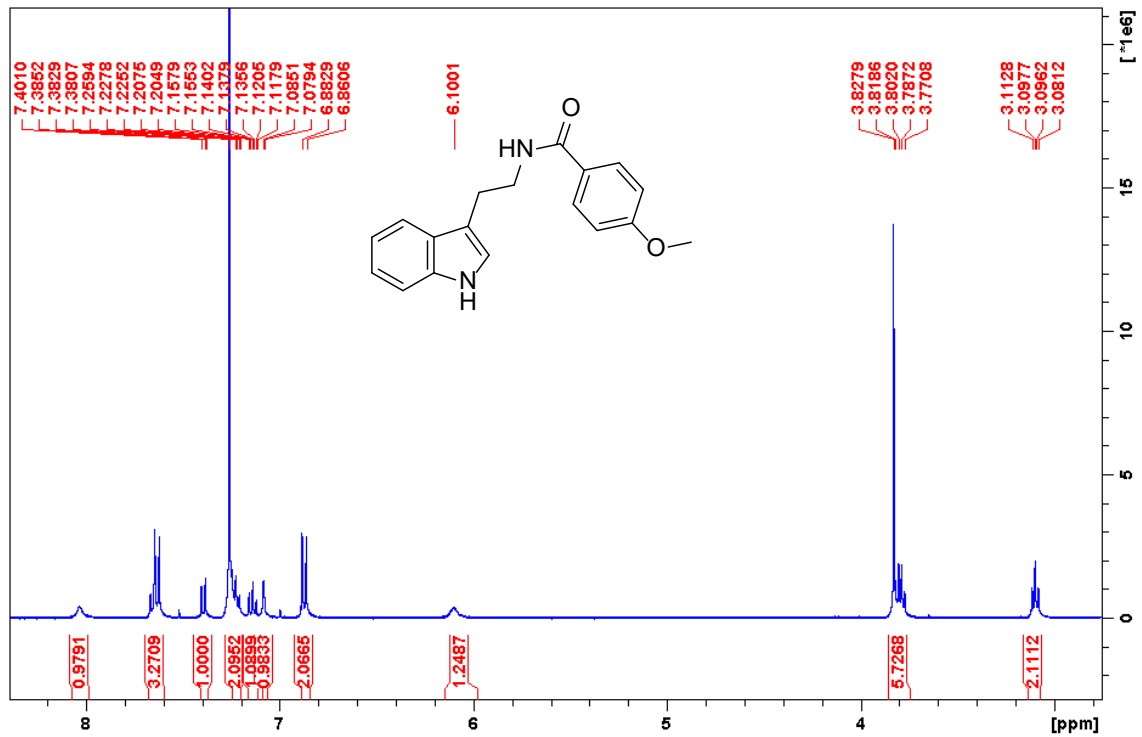


4-Methoxy-N-(3-morpholinopropyl)benzamide, (15).

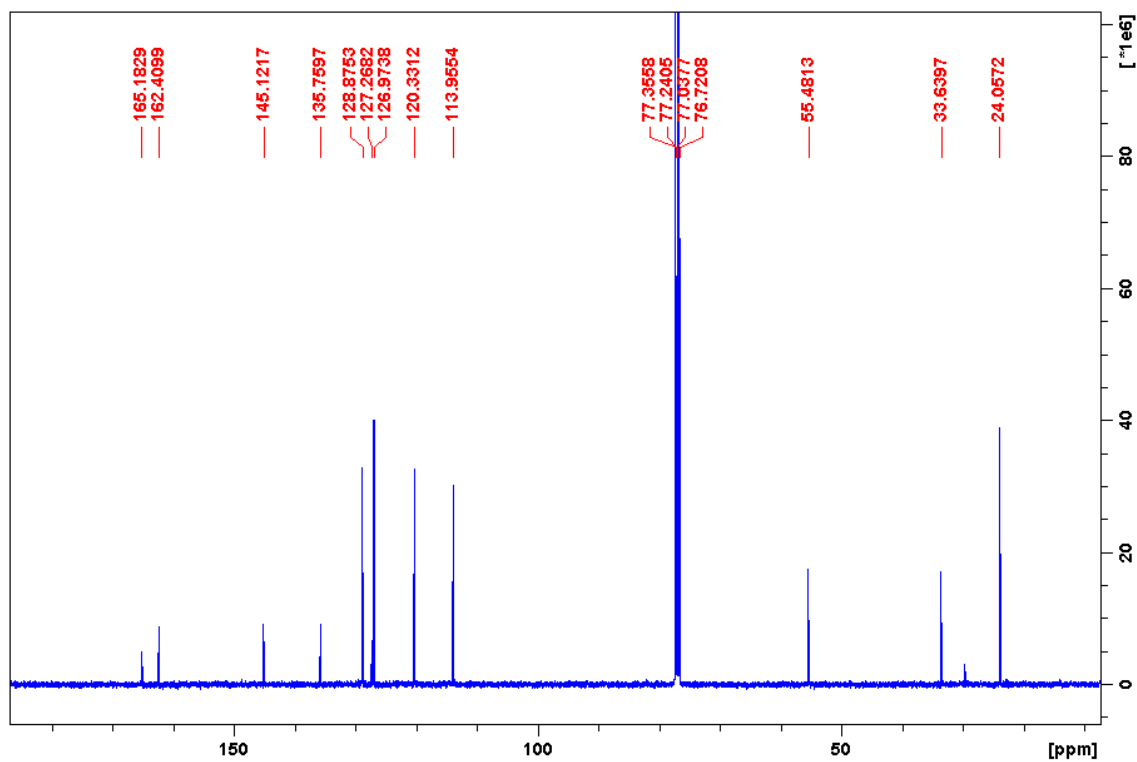
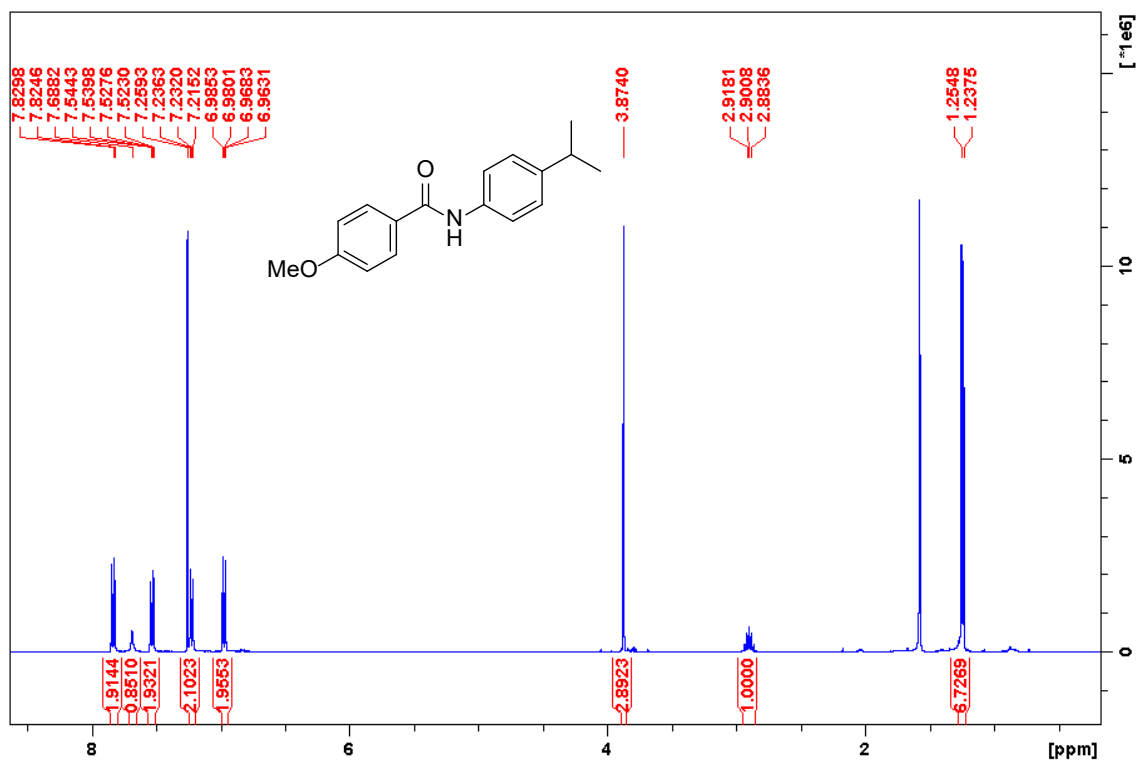




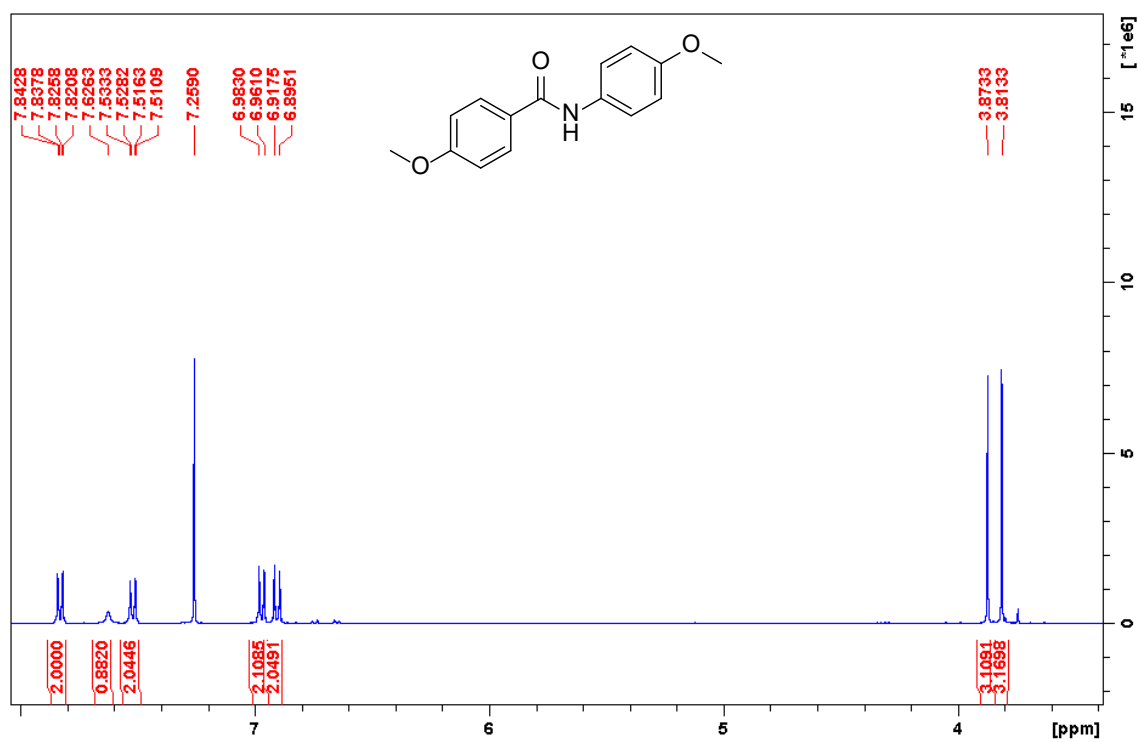
N-(2-(1H-indol-3-yl)ethyl)-4-methoxybenzamide, (16).



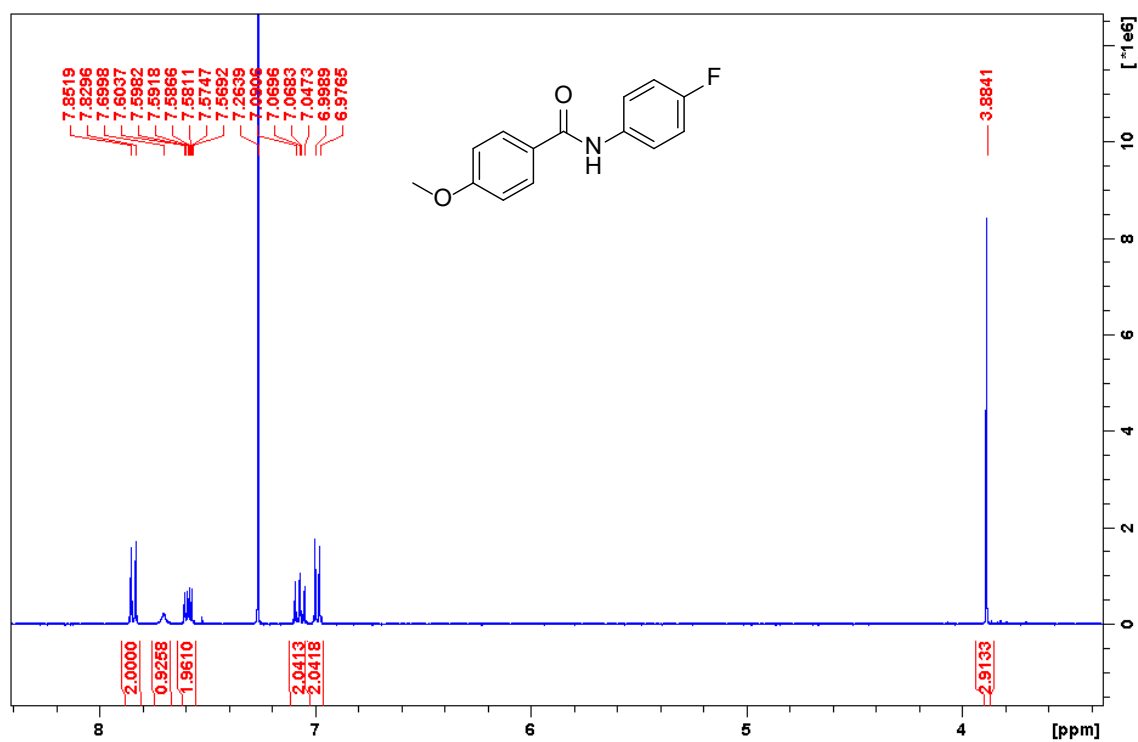
N-(4-isopropylphenyl)-4-methoxybenzamide, (**17**).



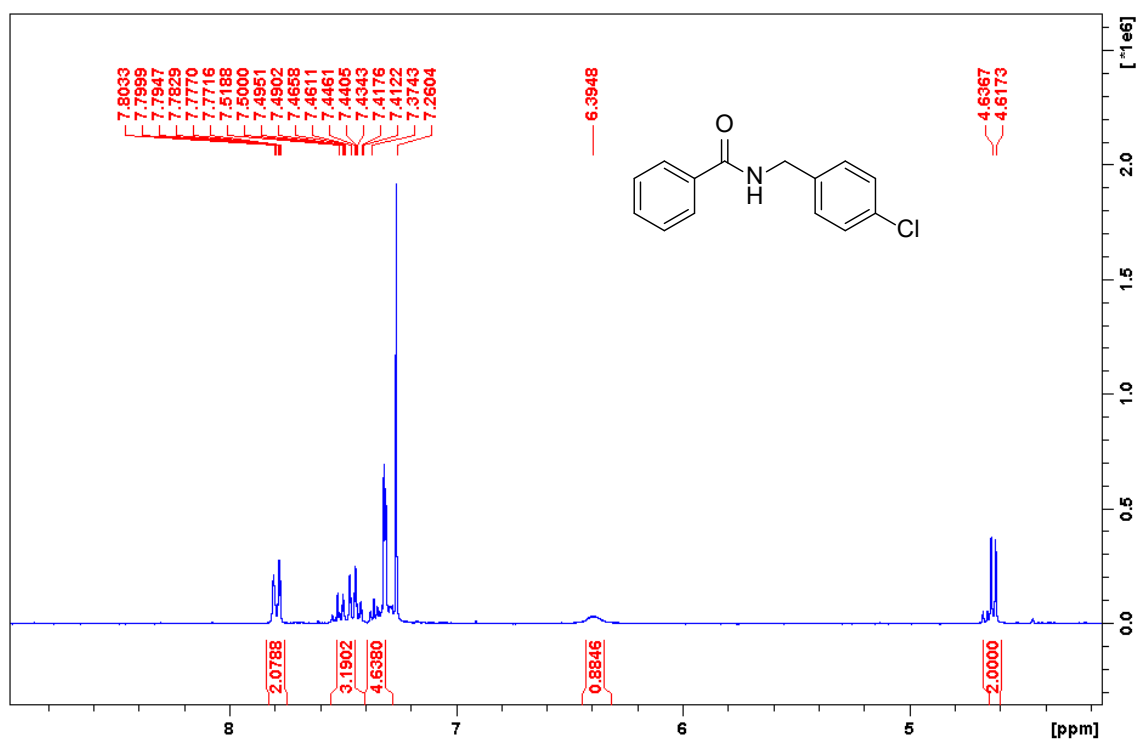
N-(4-methoxyphenyl)4-methoxybenzamide, (**18**).



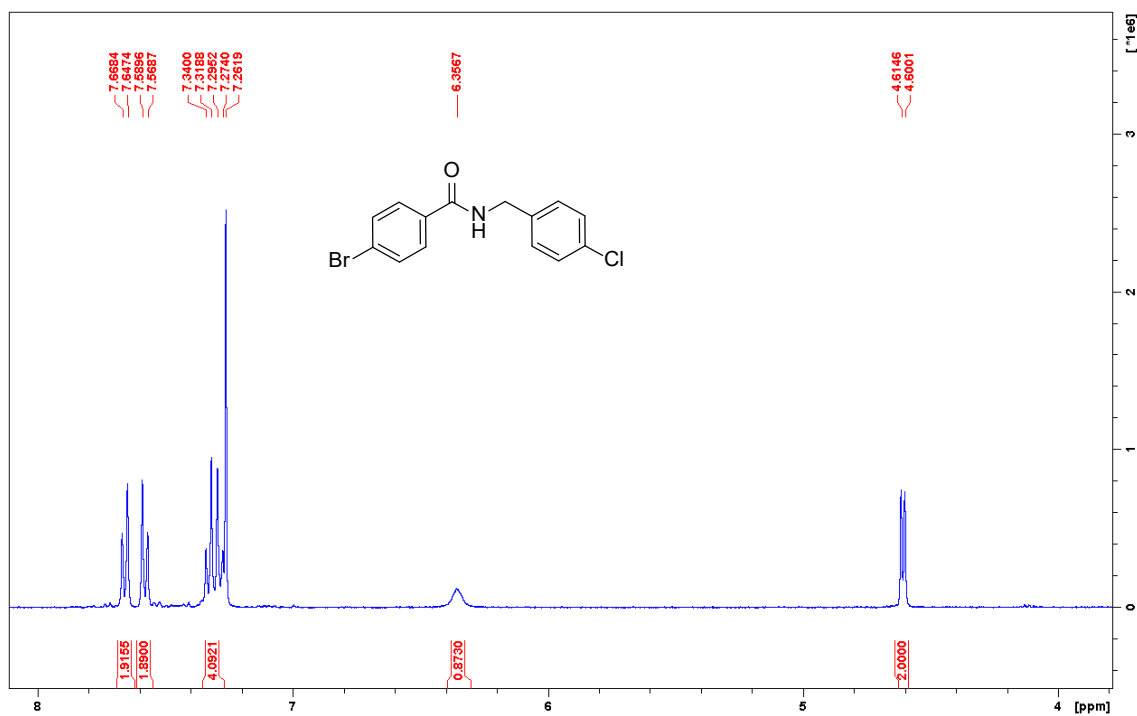
N-(4-fluorophenyl)4-methoxybenzamide, (**19**).

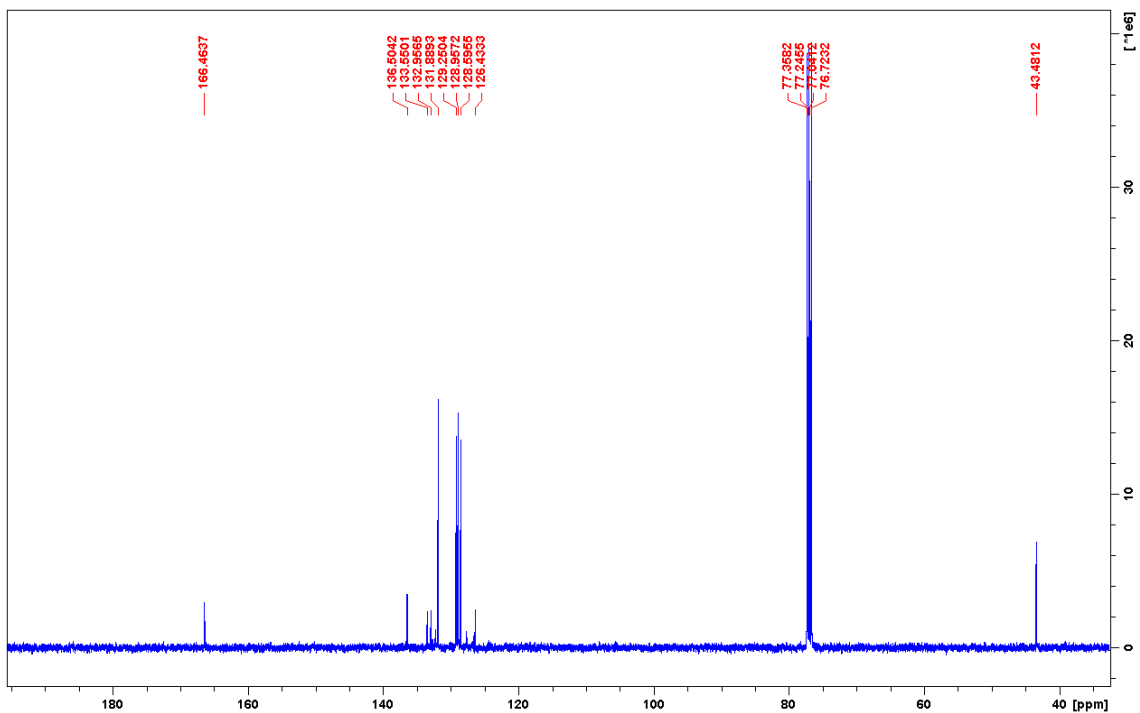


N-(4-chlorobenzyl)benzamide, (**20**).

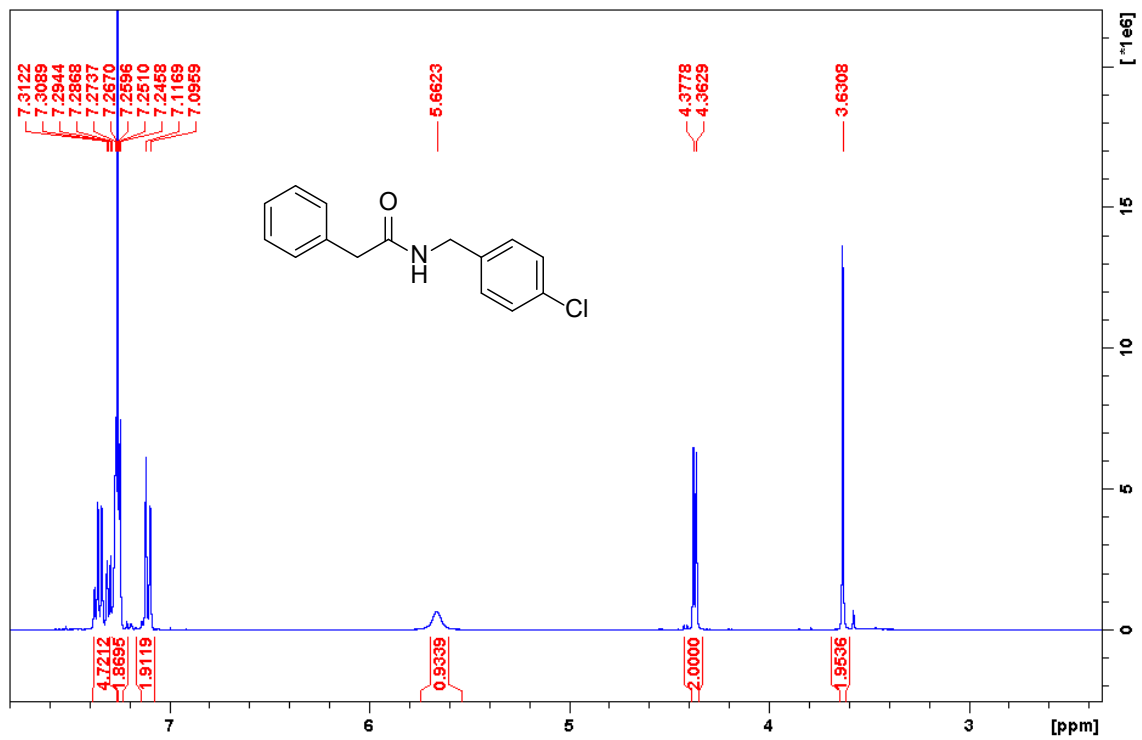


4-bromo-*N*-(4-chlorobenzyl)benzamide, (**21**).

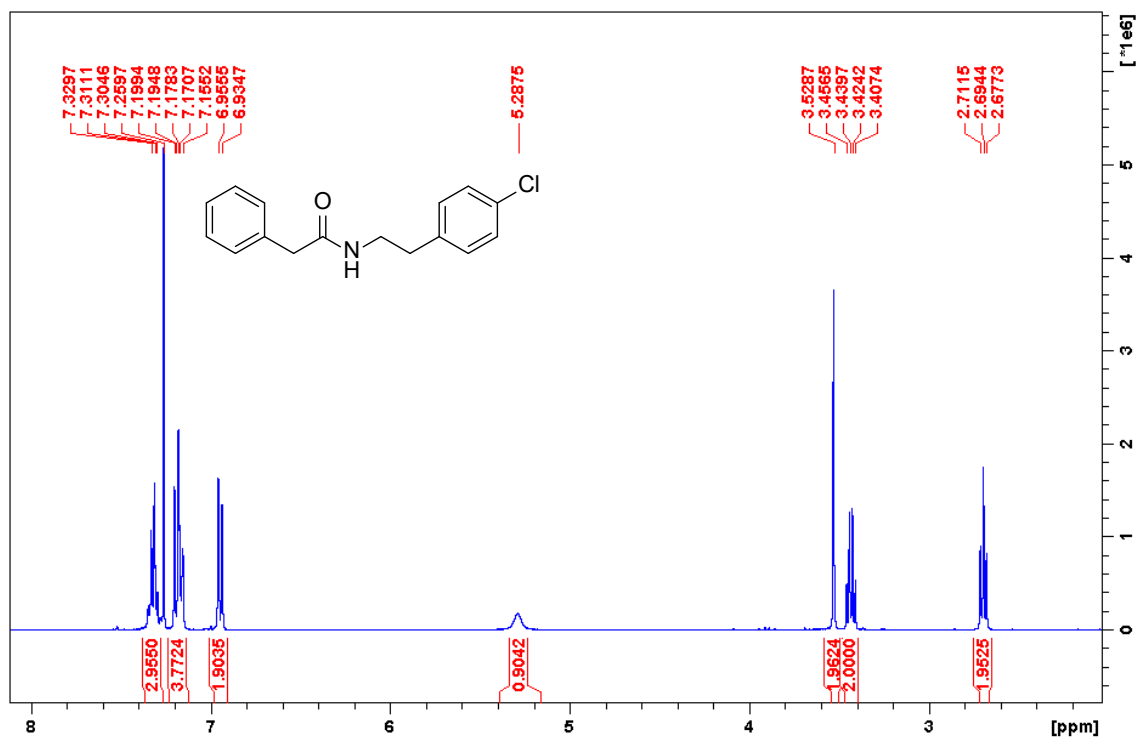




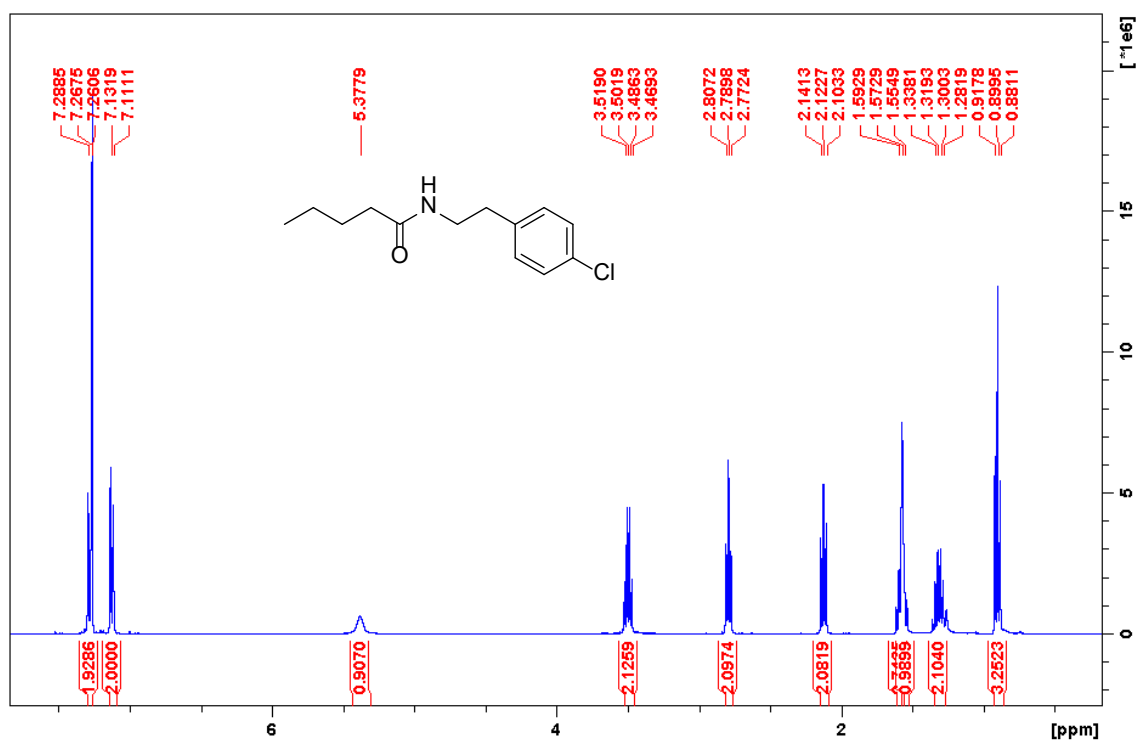
N-(4-chlorobenzyl)-2-phenylacetamide, (22).

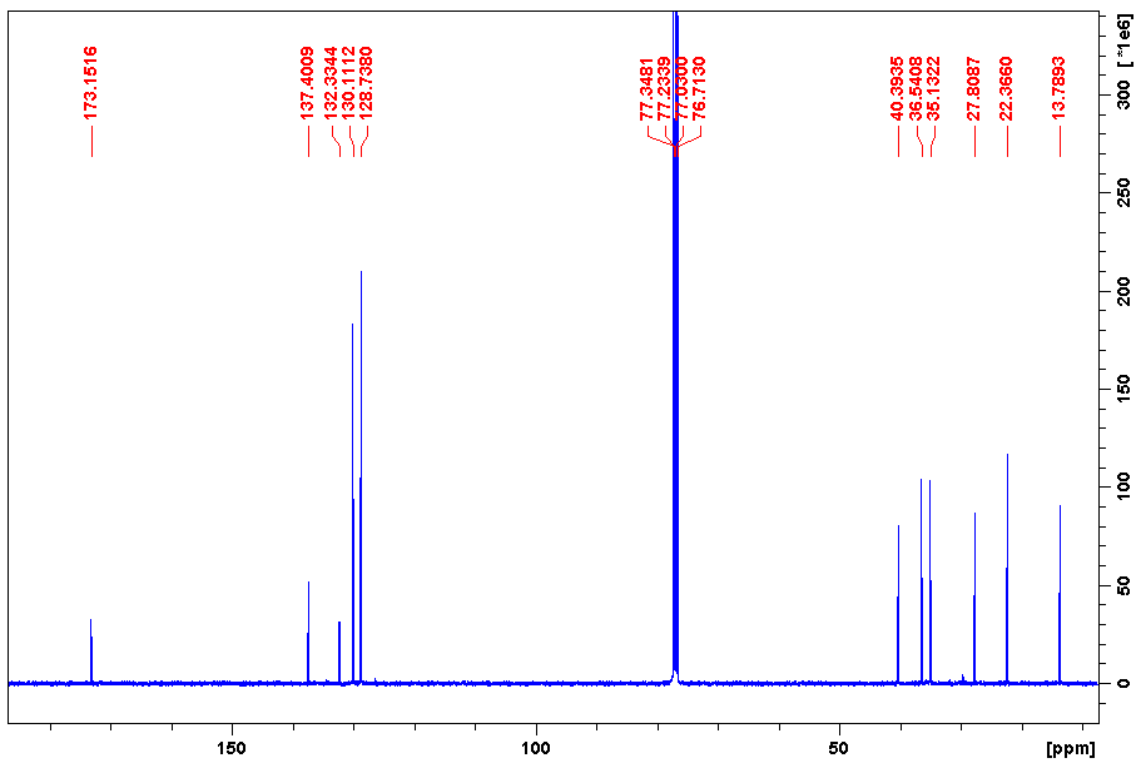


N-(4-chlorophenethyl)-2-phenylacetamide, (**23**).

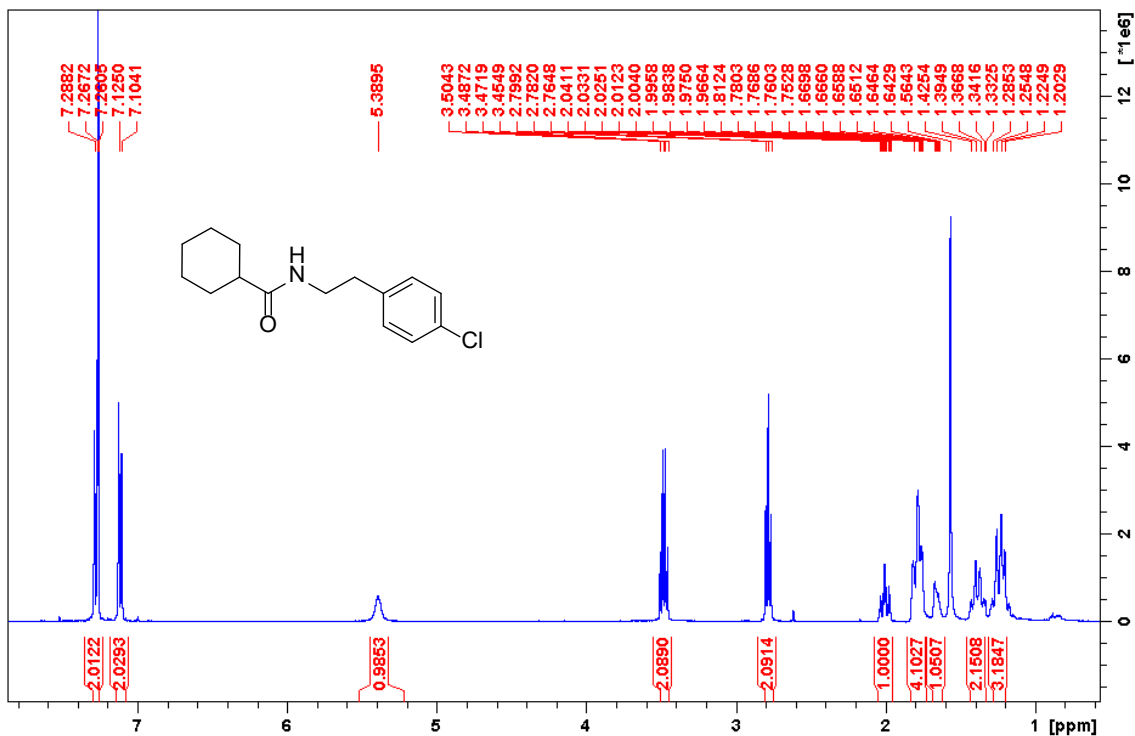


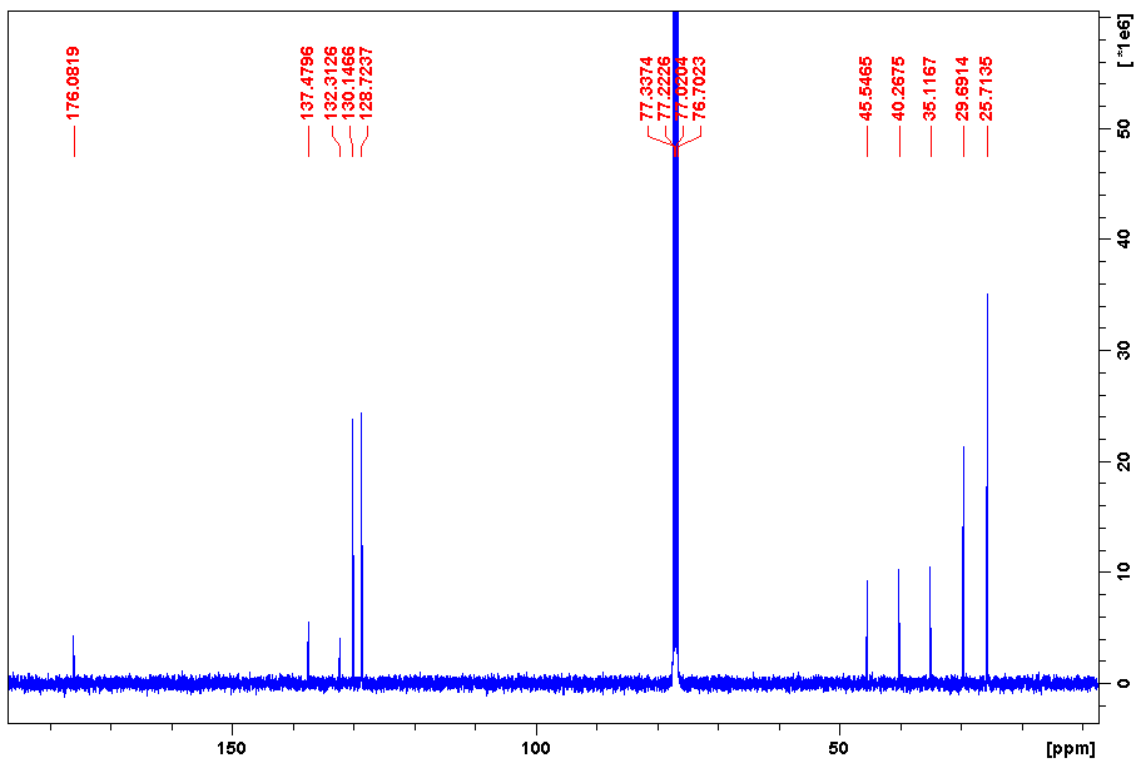
N-(4-chlorophenethyl)pentanamide, (**24**).



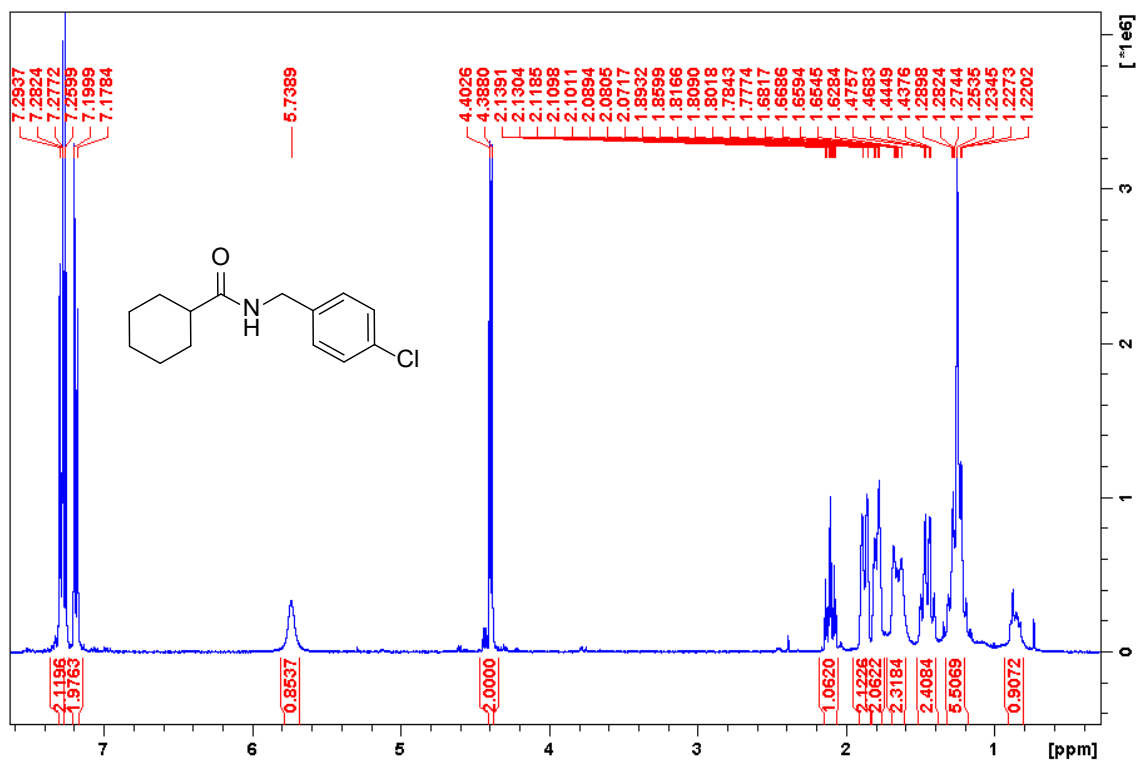


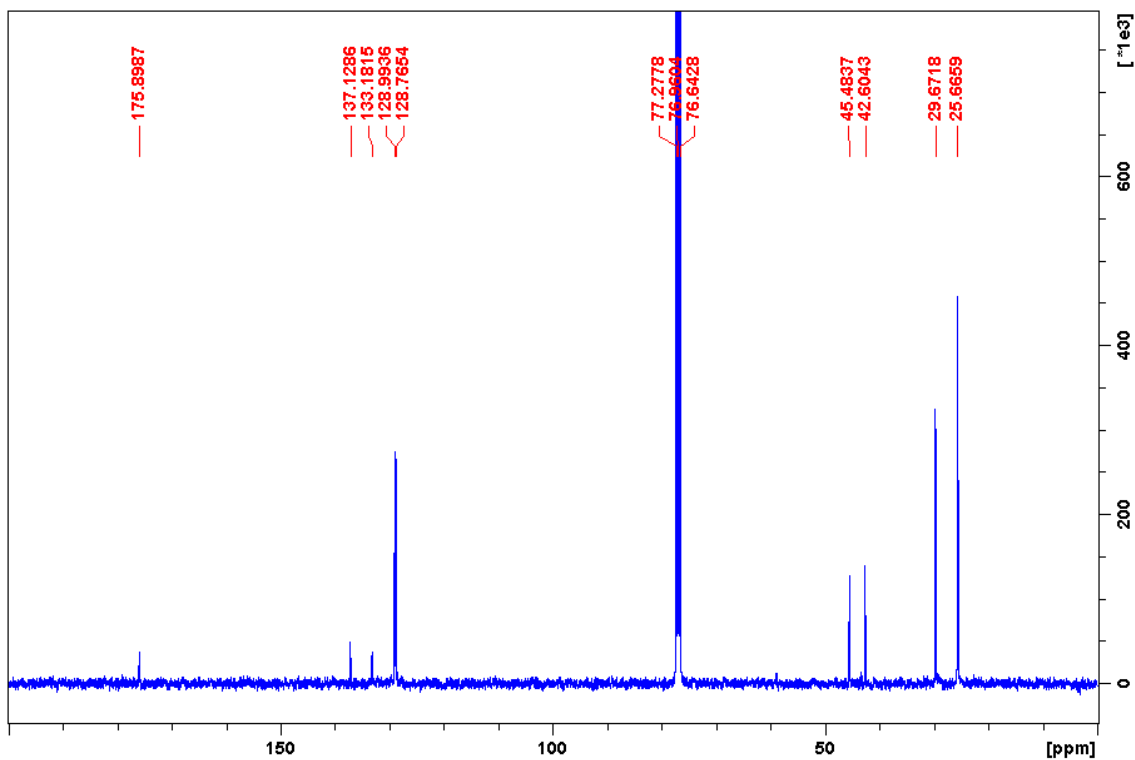
N-(4-chlorobenzyl)cyclohexanecarboxamide, (25).



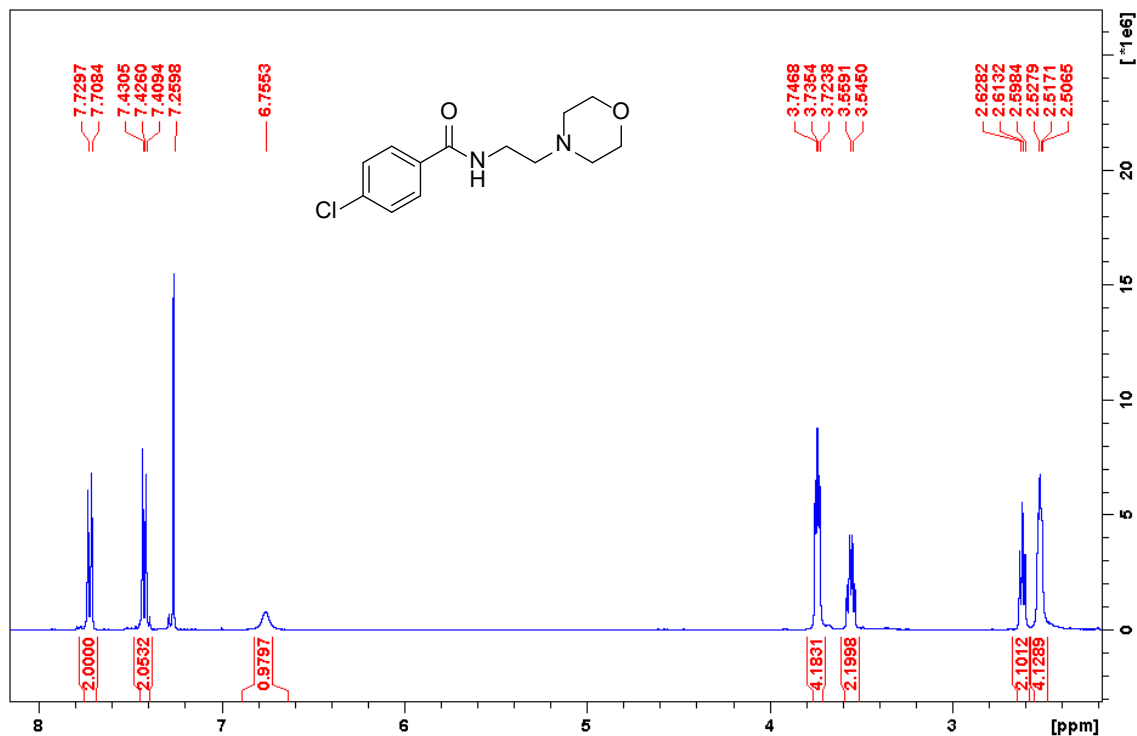


N-(4-chlorobenzyl)cyclohexanecarboxamide, (26).





4-chloro-N-(2-morpholinoethyl)benzamide (*moclobemide*).



N-(4-((2-(dimethylamino)ethyl)amino)benzyl)-3,4-dimethoxybenzamide (*itopride*).

