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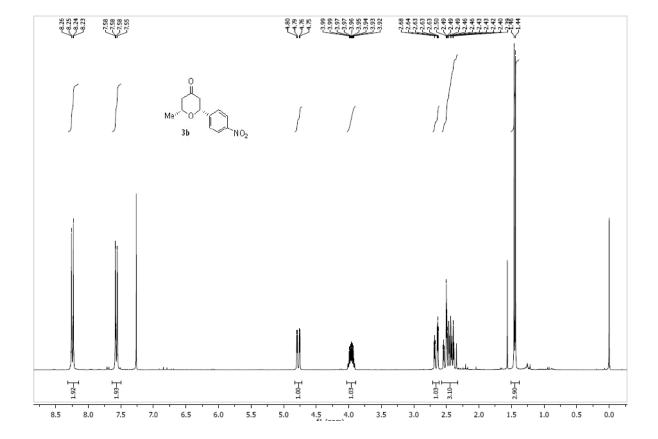
Supporting information for

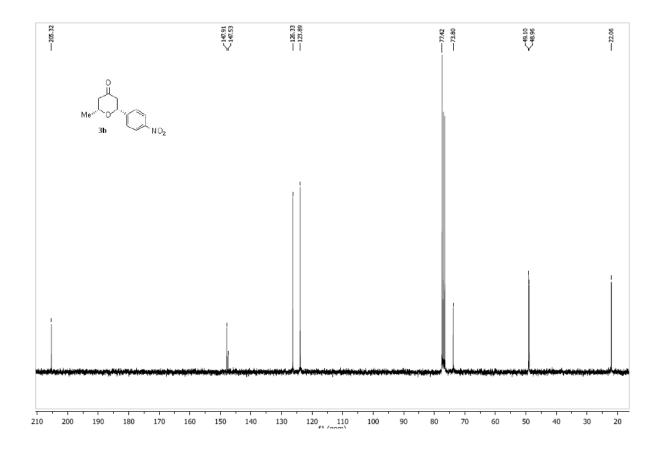
Organocatalytic oxa-Diels-Alder reaction of  $\alpha,\beta$ -unsaturated ketones under non-classical conditions

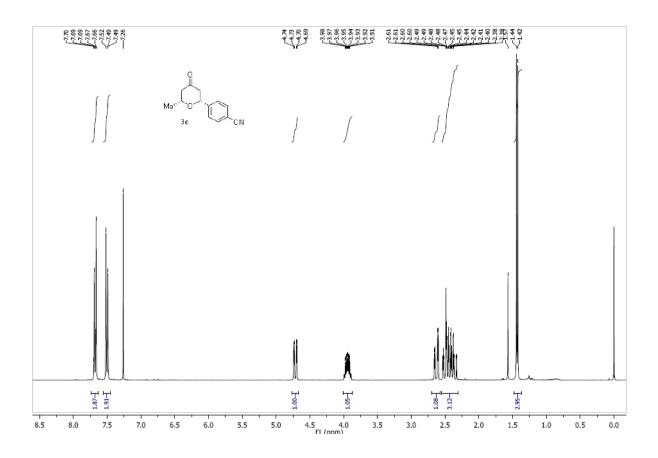
M. Mojzesová, M. Mečiarová, R. Marti, R. Šebesta\*

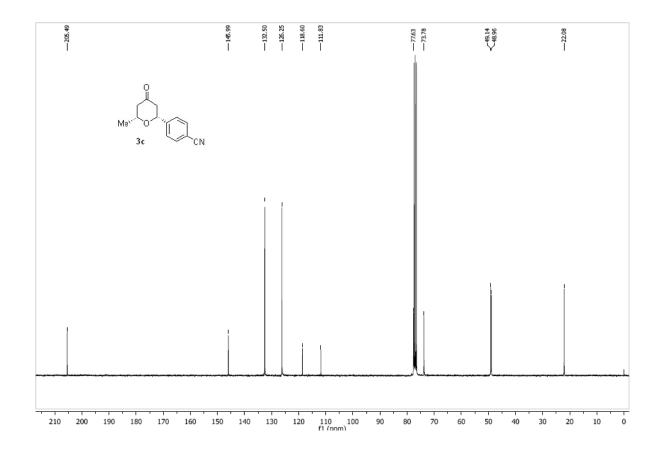
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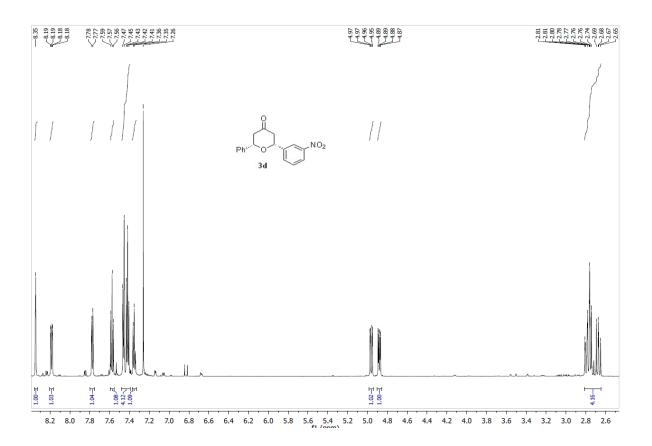
# <sup>1</sup>H and <sup>13</sup>C NMR spectra

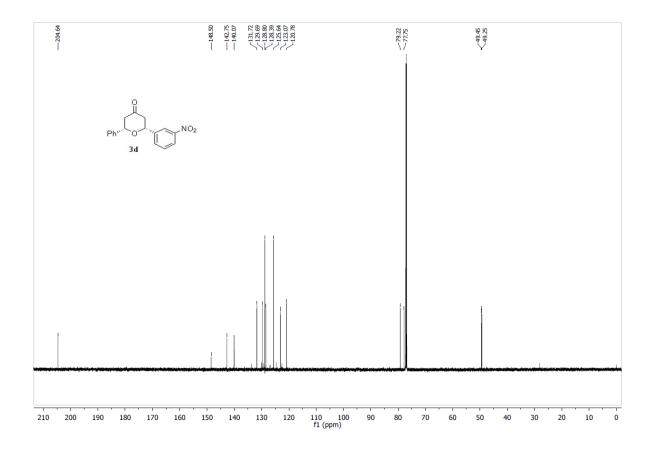


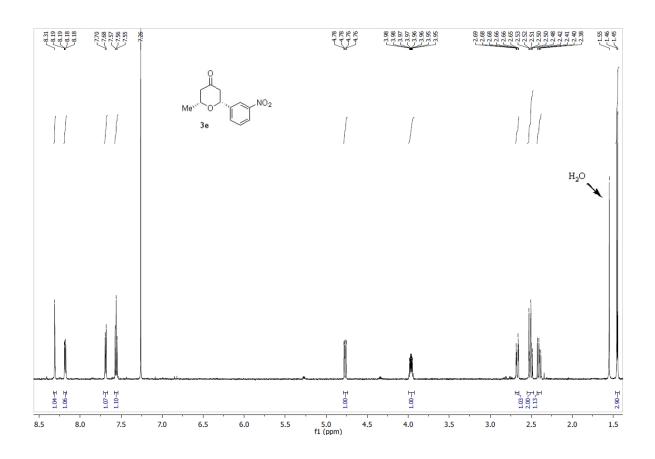


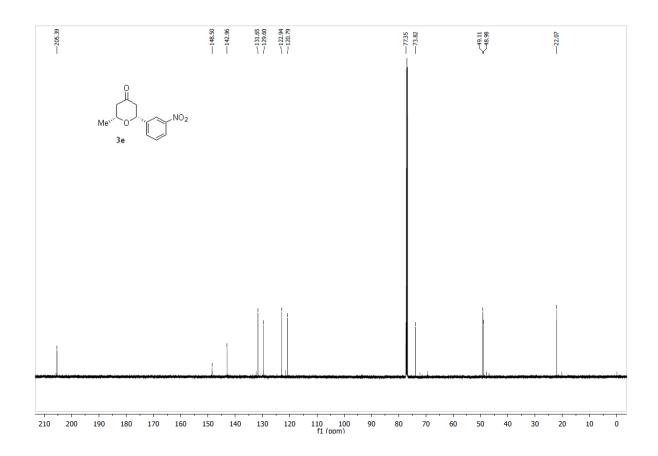


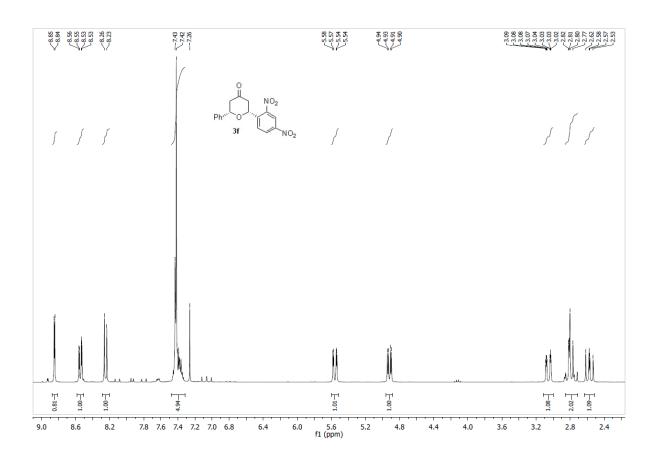


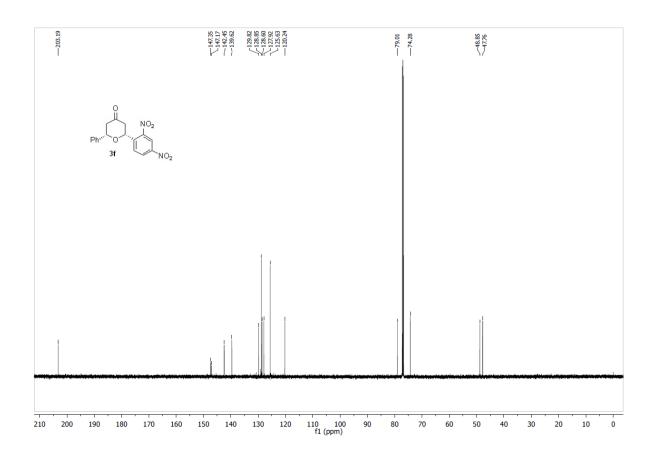








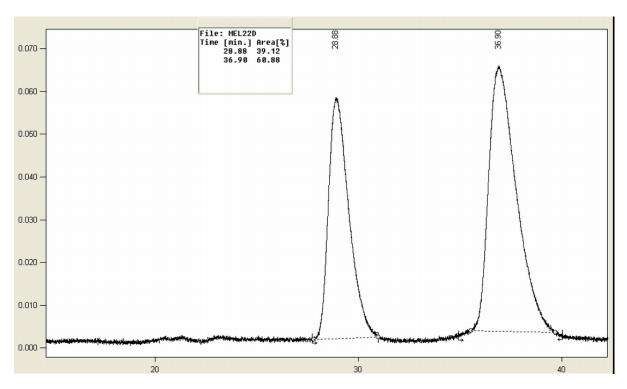




# HPLC data for organocatalytic oxa-Diels-Alder reaction

### Compound 3a

The enantiomeric excess was determined by HPLC (Chiralpak OD-H column, hexane/*i*-PrOH 80:20, flow rate 1 mL/min;  $t_{minor}$  = 28.9 min,  $t_{major}$  = 36.9 min,  $\lambda$  = 254 nm).



# Flow system details

T-mixer was purchased from Bola (Germany), LFT-MS (Volume 0.2 ml, Channel size 1 mm) was purchased from Little Things Factory (Germany, www.ltf-gmbh.com). The residence time units were prepared from Teflon tubing. For heating, the reactors were immersed in a water bath. The feed was pumped using a syringe pump NE-1010 from New Era Pump Systems Inc. (www.syringepump.com).

