

Expanding the use of peroxygenase from oat flour in organic synthesis: enantioselective oxidation of sulfides

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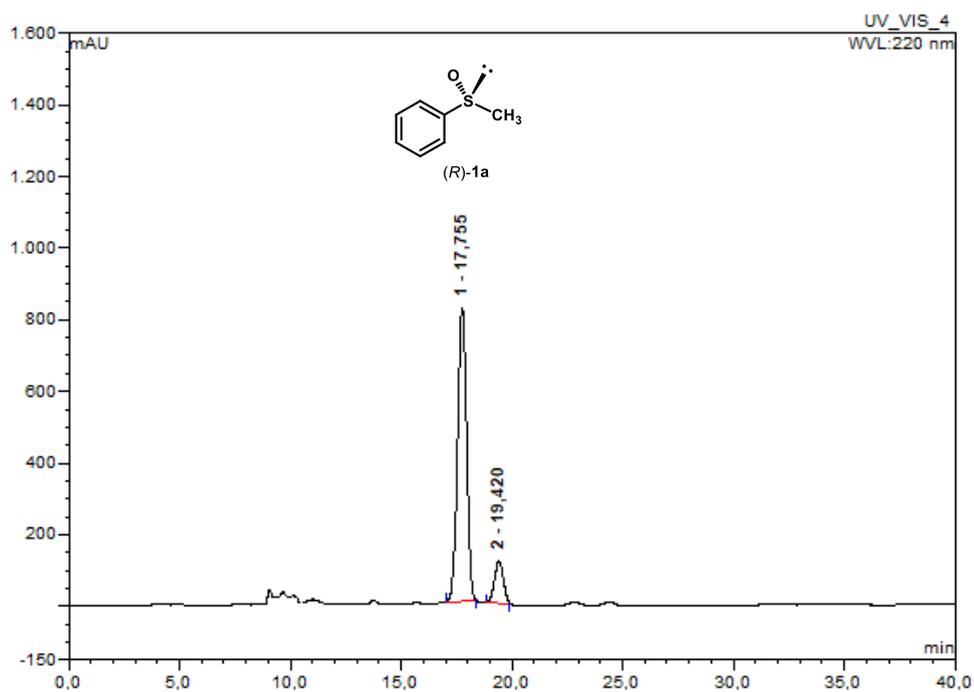
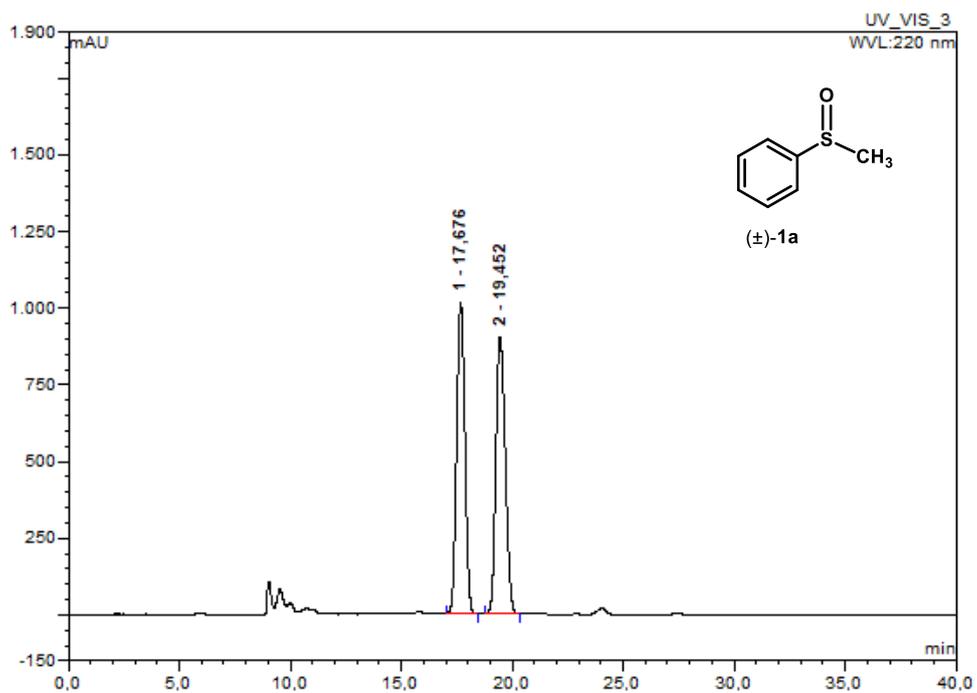
SUPPORTING INFORMATION

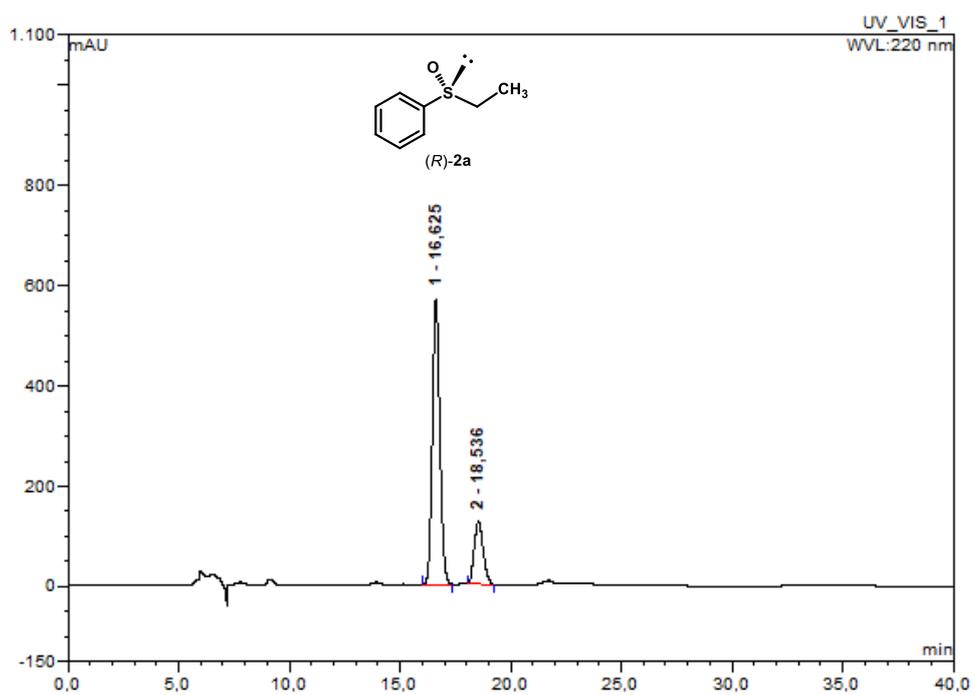
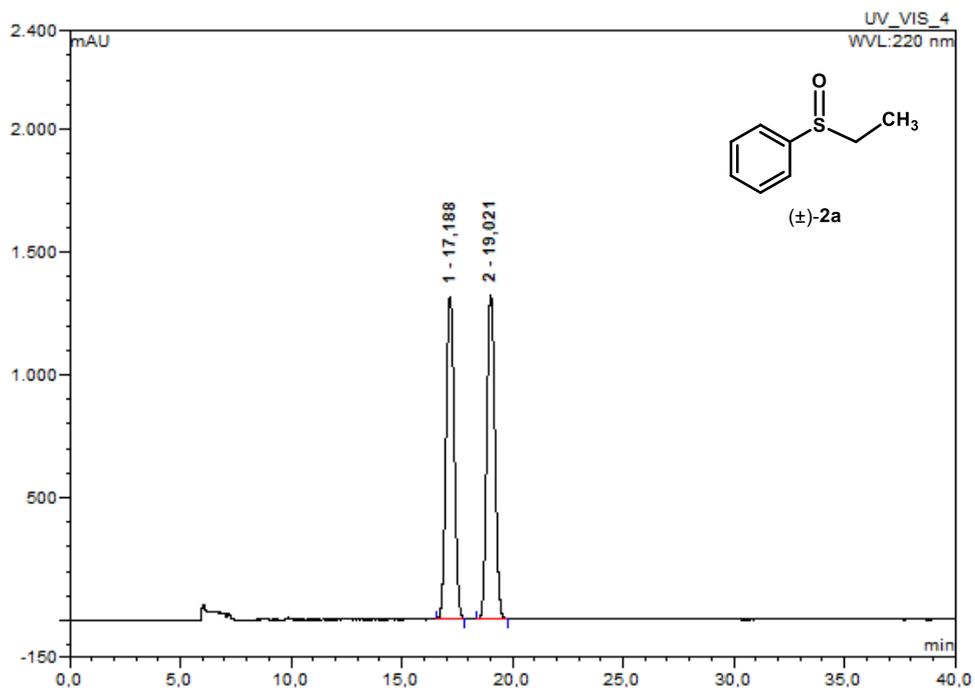
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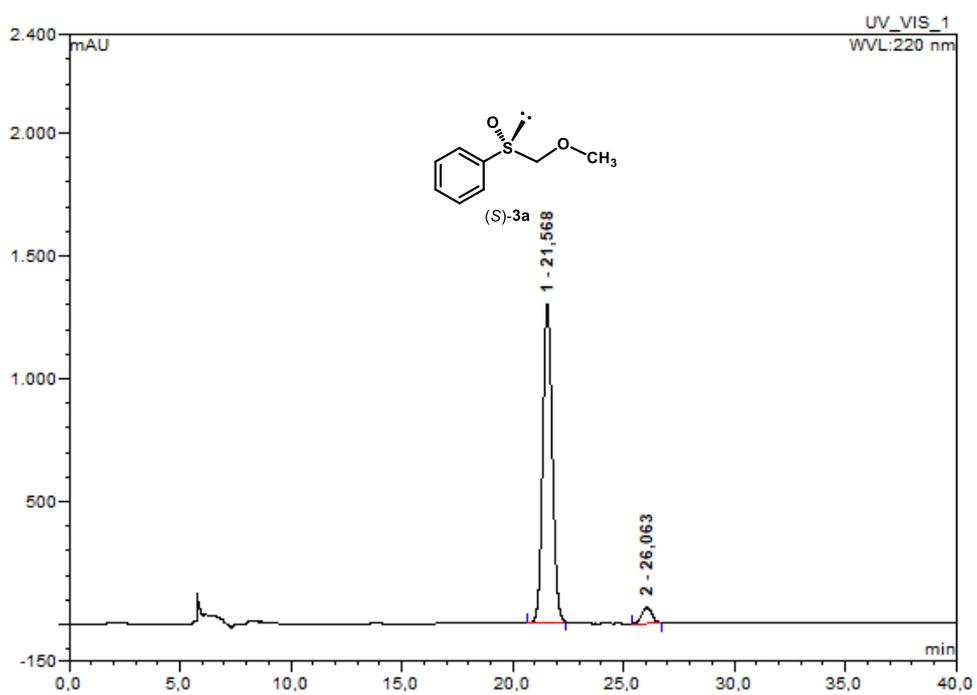
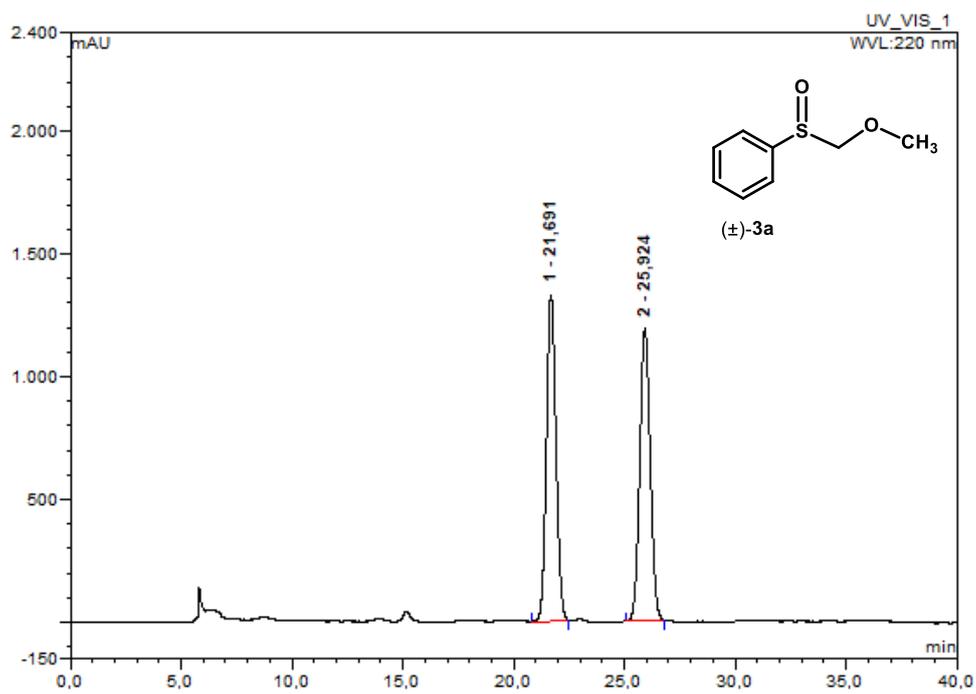
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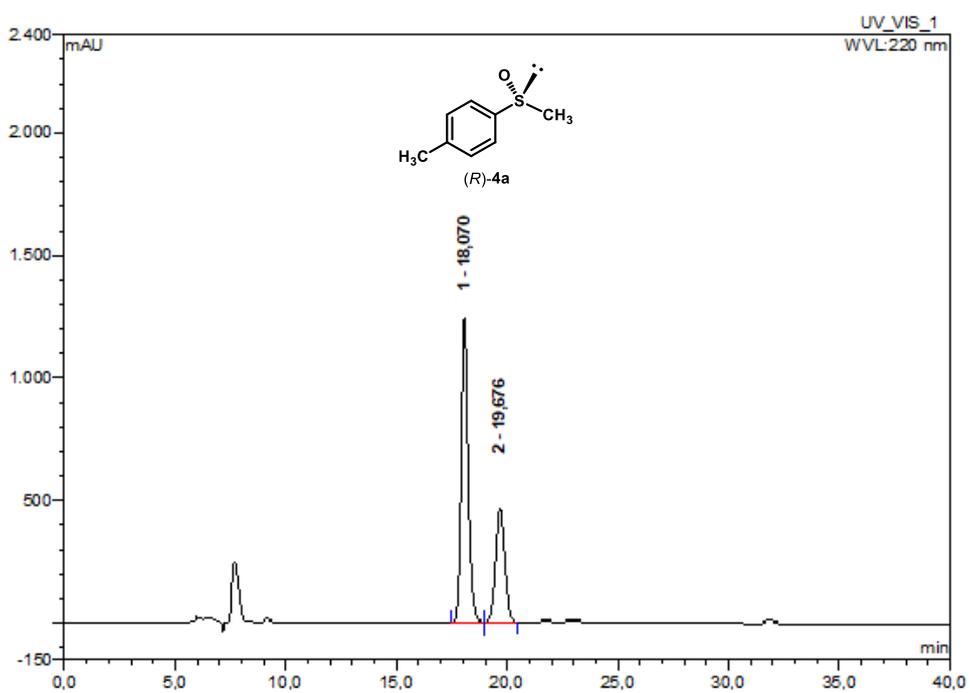
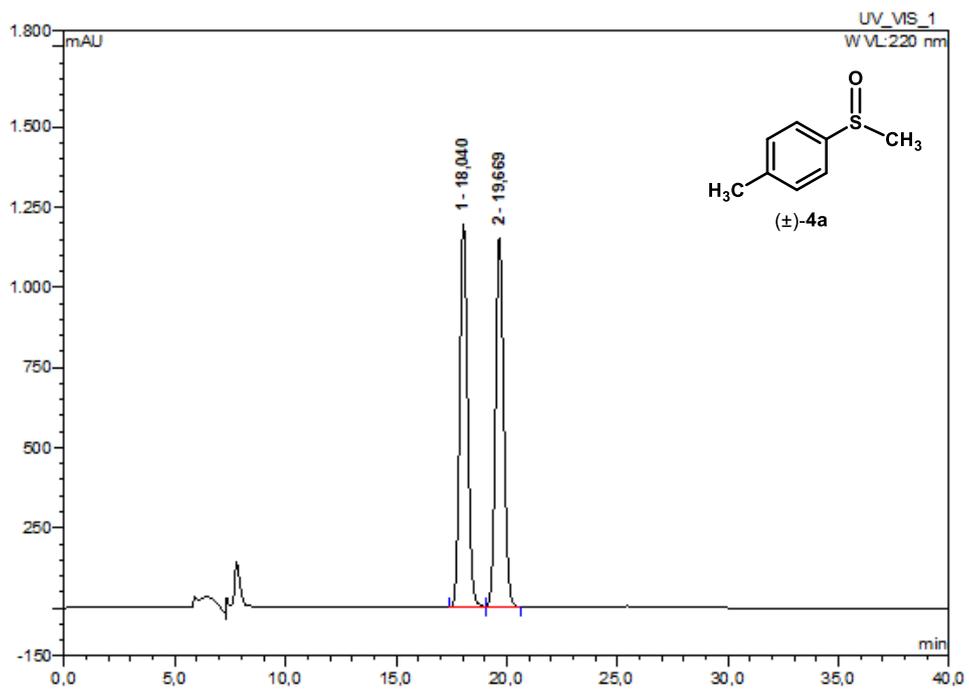
HPLC analyses

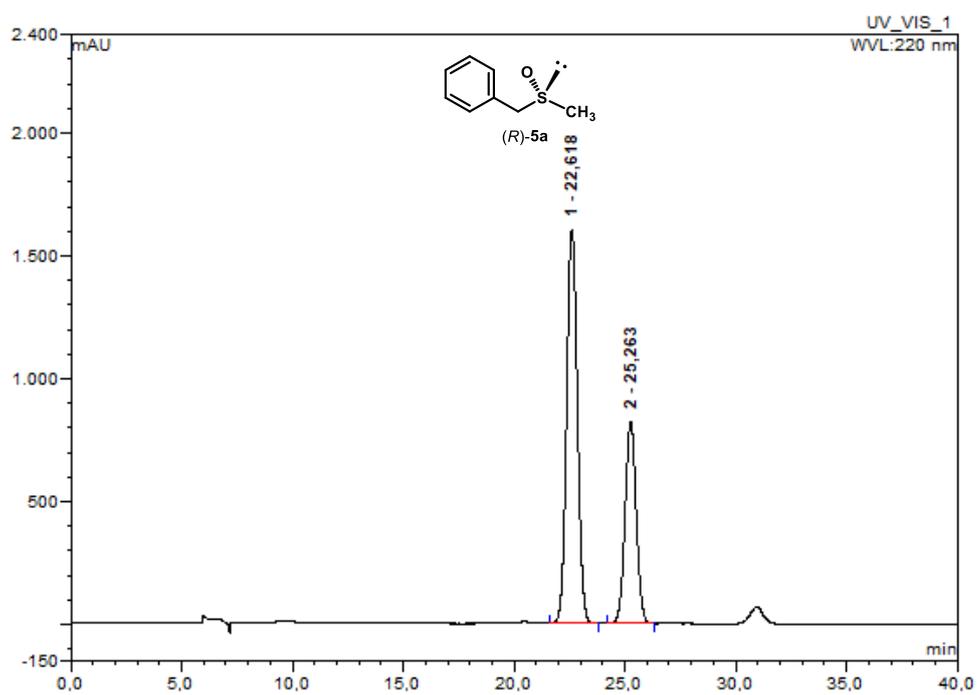
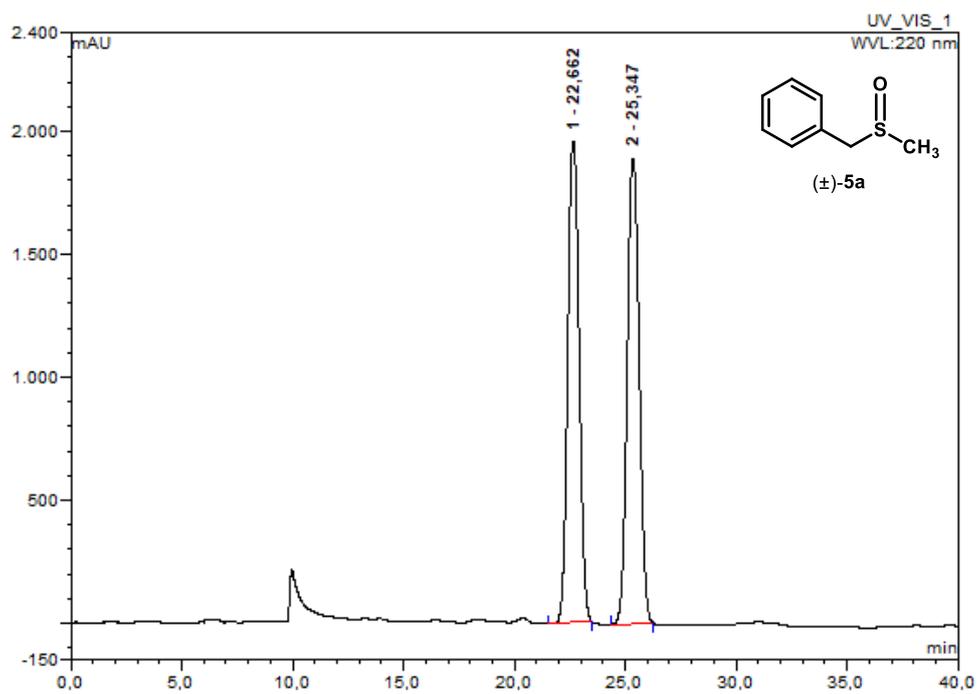
Chiral HPLC analyses were performed on a Phenomenex Lux 5 μ m Cellulose-1 (250 x 4.6 mm) column eluting with *n*-hexane/EtOH 90:10 at flow 0.5 mL/min. (\pm)-**1a** was purchased from Aldrich while other racemic samples of sulfoxides were obtained by standard oxidation of the parent sulfides with *m*-Cl-PhCOOH in CH₂Cl₂.











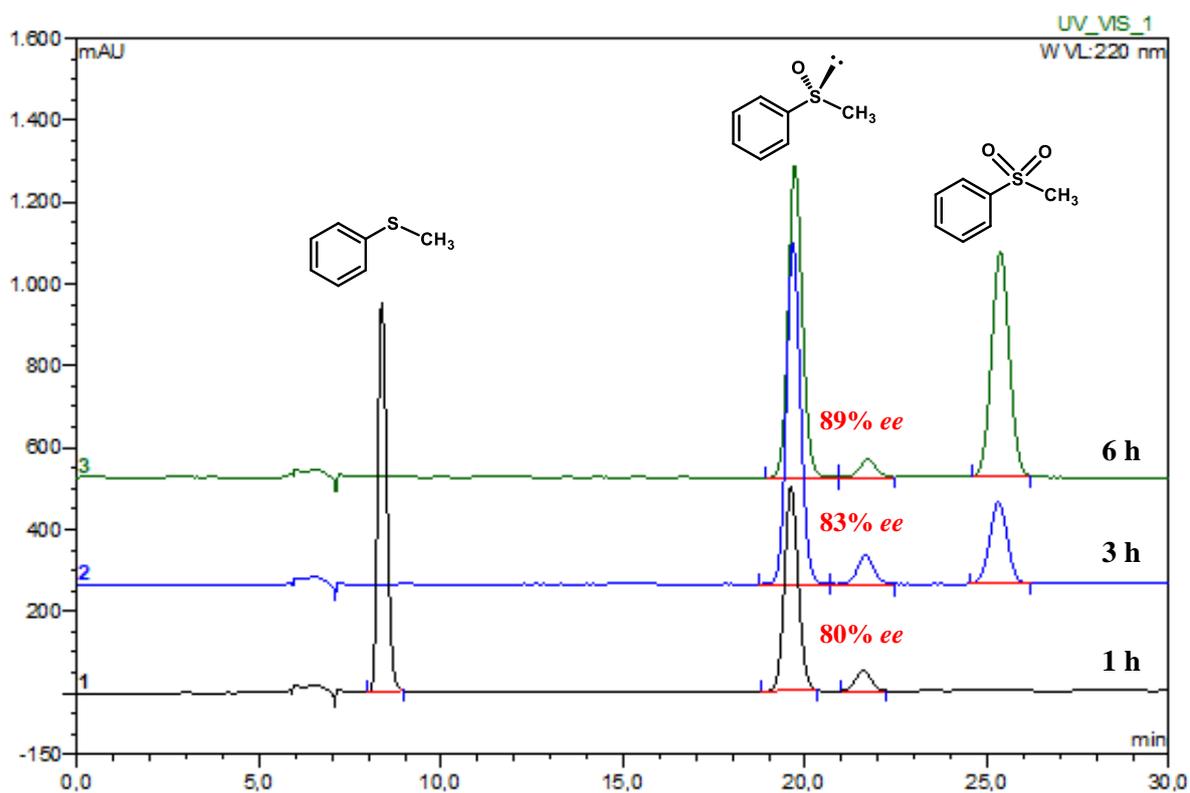


Figure S1. Variation of the enantiomeric excess of sulfoxide **1a** at different concentration of sulfone **1b**

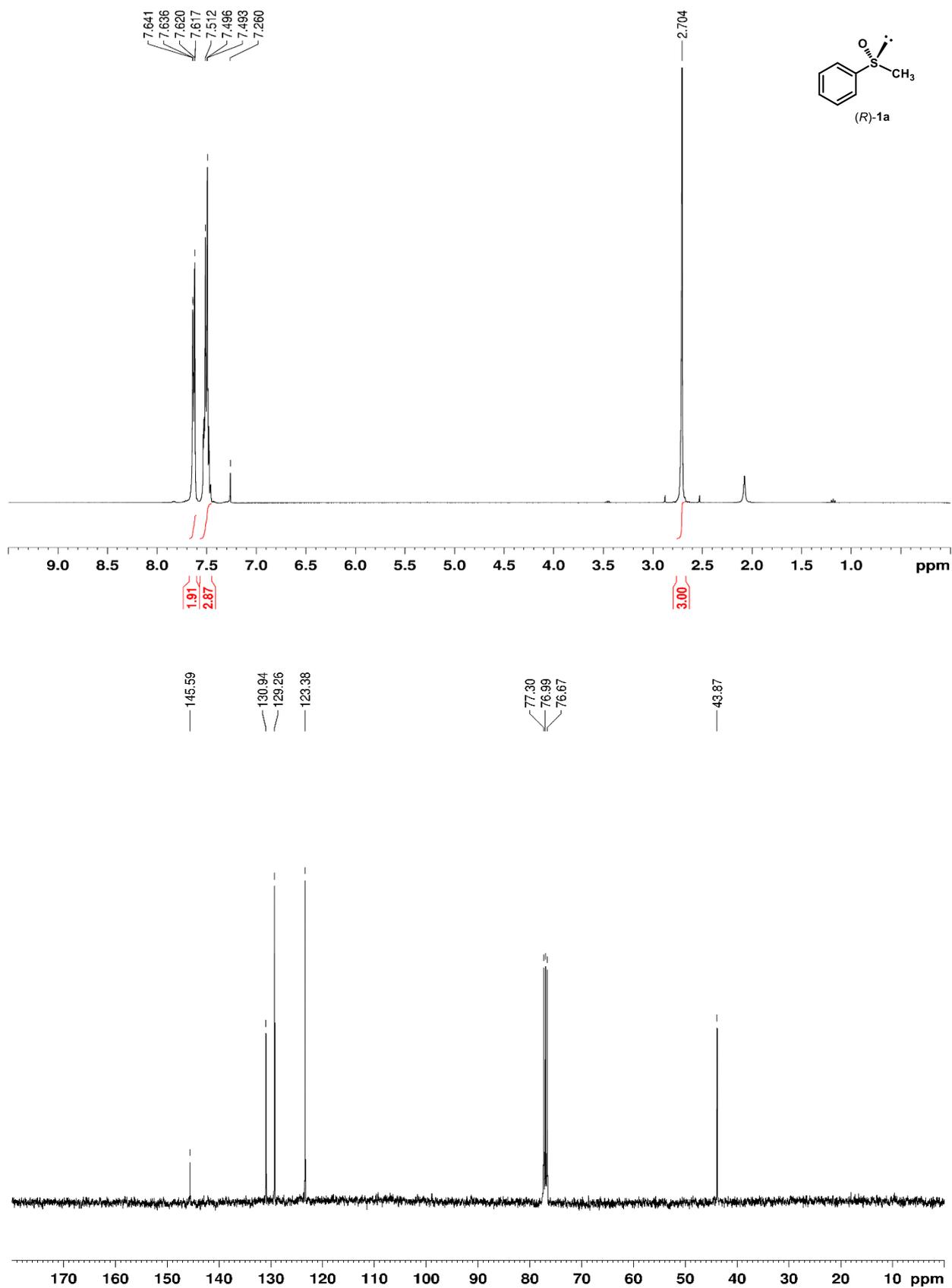


Figure S2. ¹H- and ¹³C-NMR spectra of sulfoxide **1a**

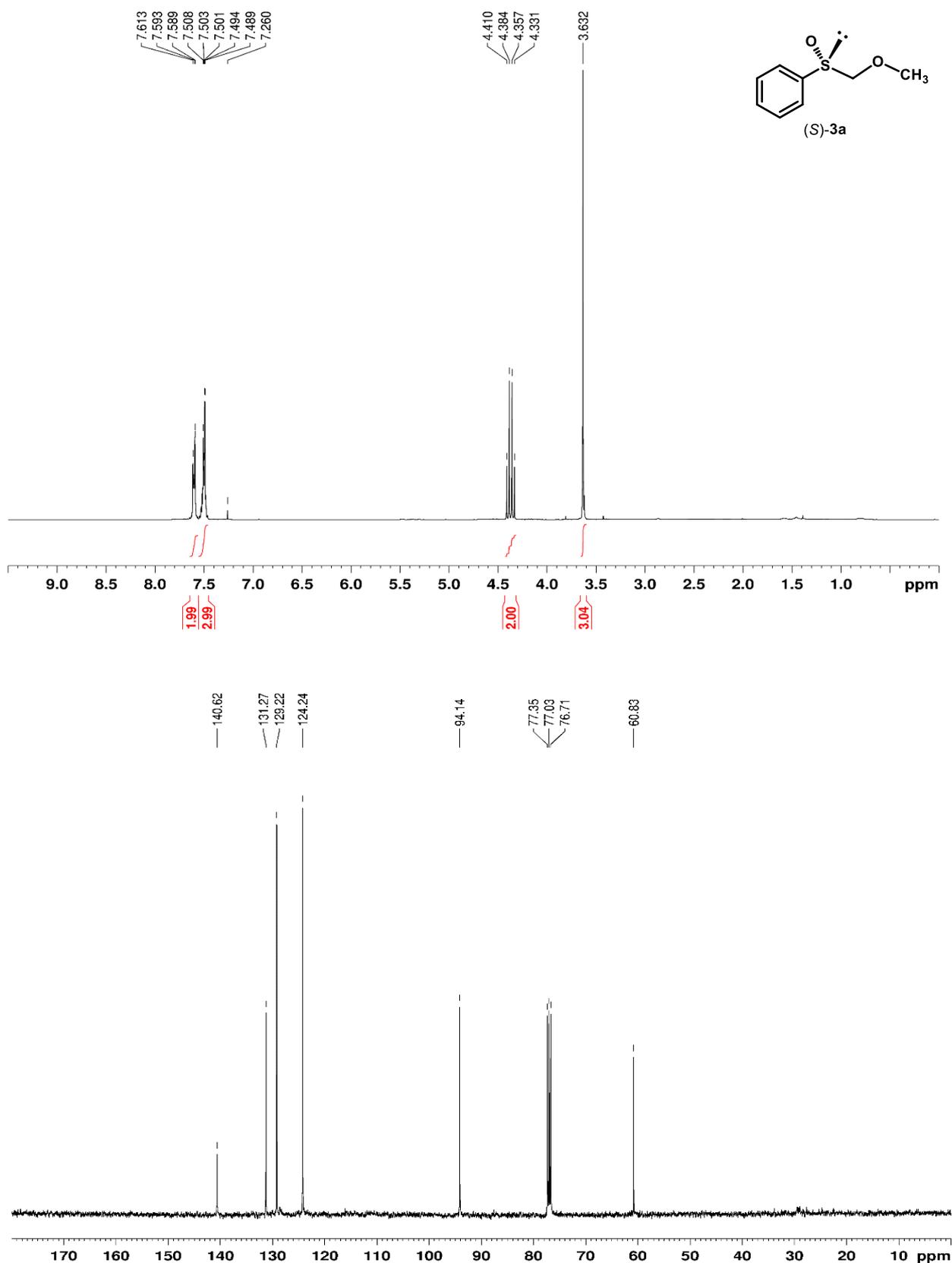


Figure S3. ¹H- and ¹³C-NMR spectra of sulfoxide **3a**