

Supplementary Materials: 2-(*tert*-Butyl)-4-phenyloxetane

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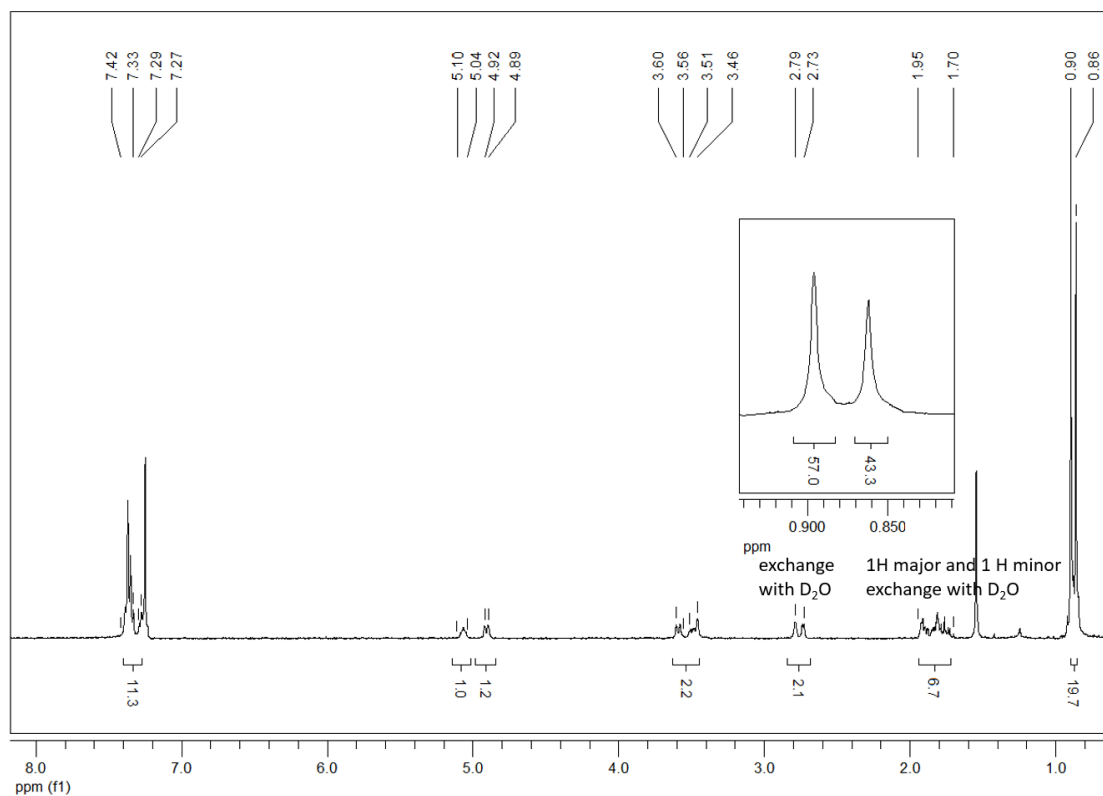


Figure S1. ¹H-NMR (400 MHz, CDCl₃) spectra of *anti*- and *syn*-4,4-dimethyl-1-phenylpentane-1,3-diols (**2**) (*anti*:*syn* = 57:43).

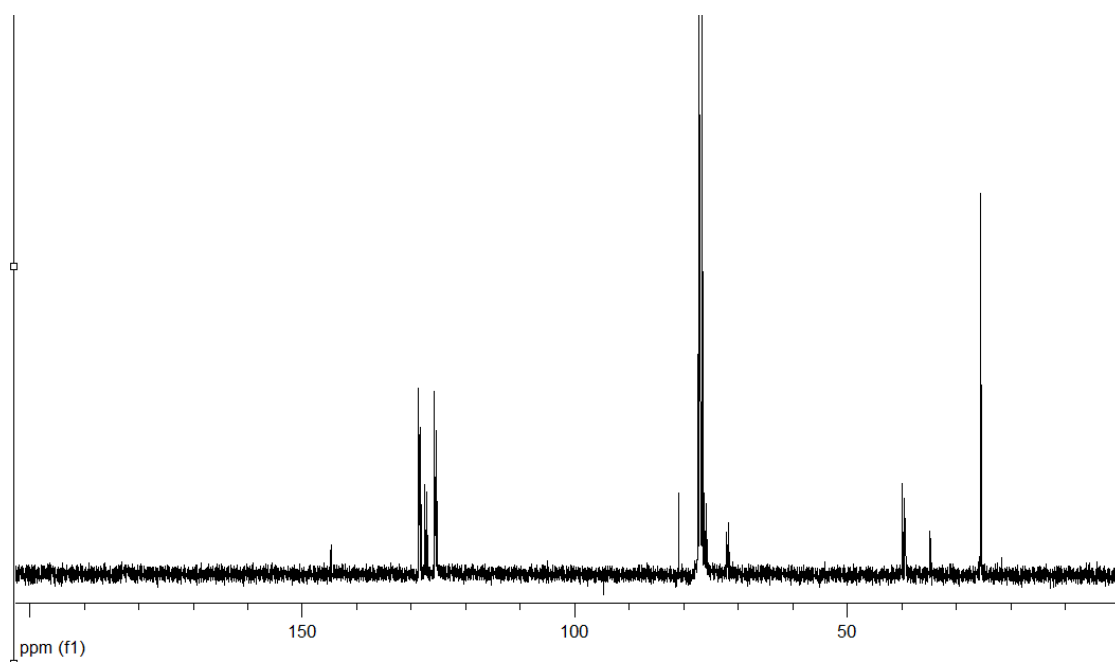


Figure S2. ^{13}C -NMR (100 MHz, CDCl_3) spectra of *anti*- and *syn*-4,4-dimethyl-1-phenylpentane-1,3-diols (**2**) (*anti:syn* = 57:43).

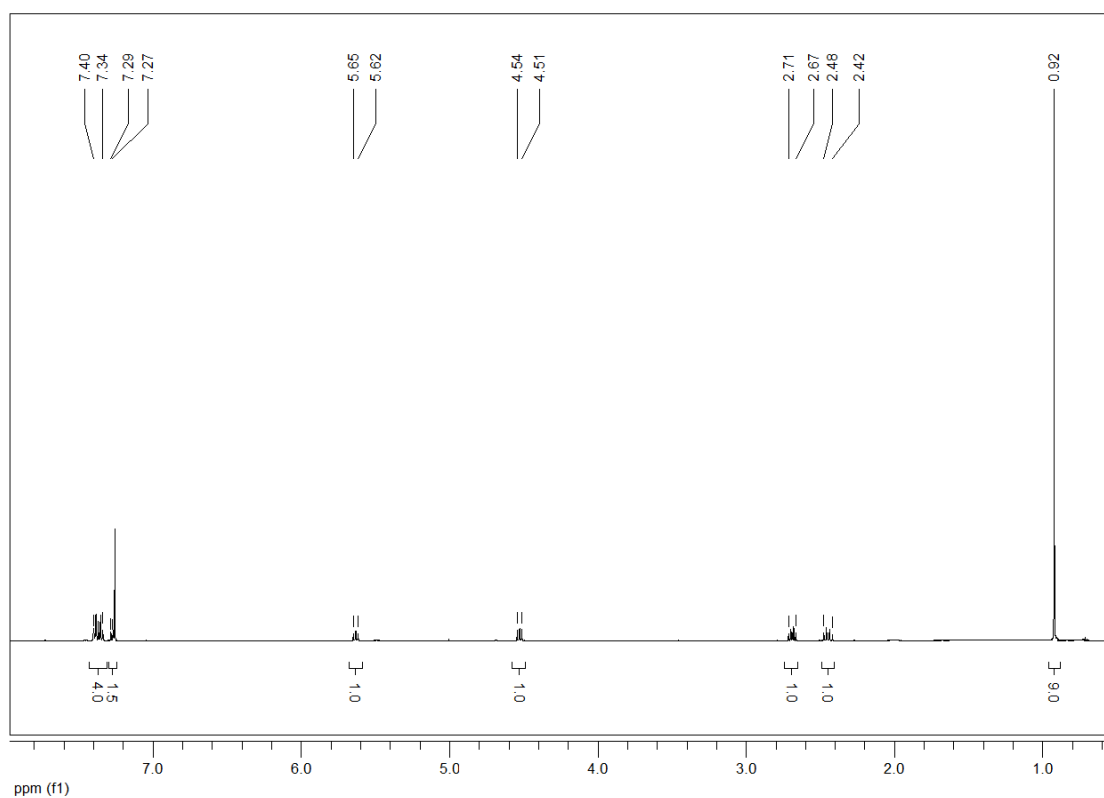


Figure S3. ^1H -NMR (600 MHz, CDCl_3) spectrum of *cis*-2-(*tert*-butyl)-4-phenyloxetane (**5**).

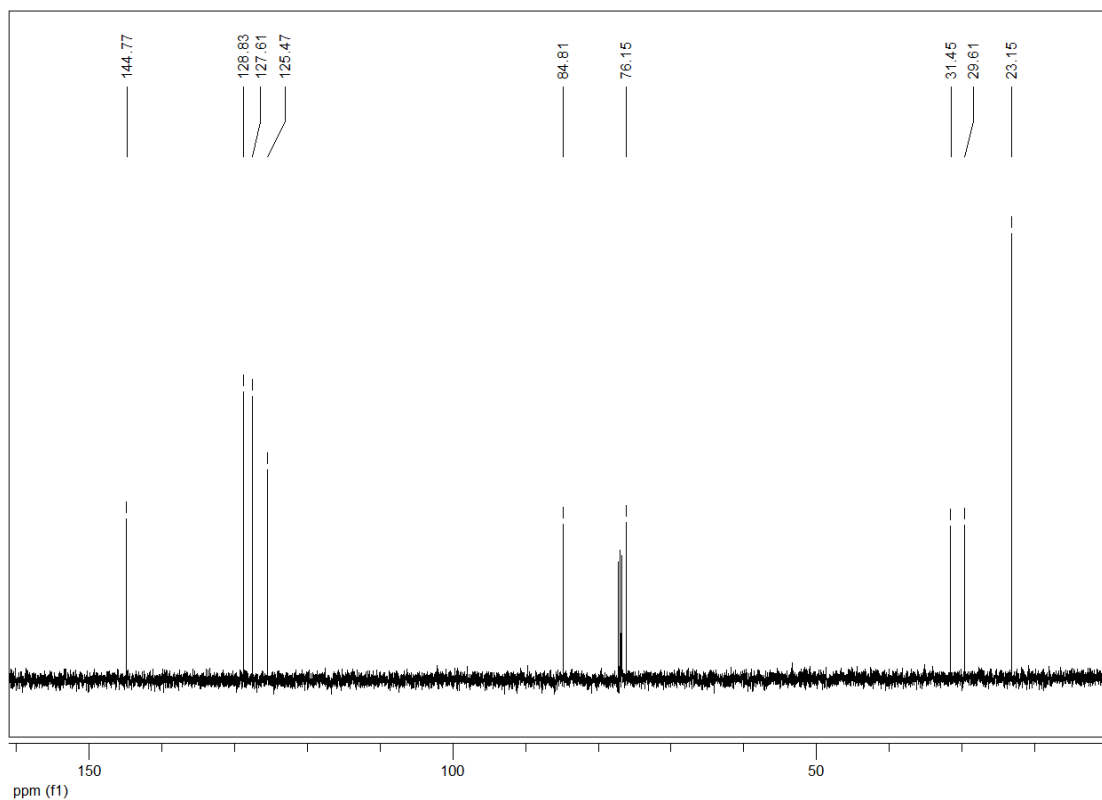


Figure S4. ^{13}C -NMR (150 MHz, CDCl_3) spectrum of *cis*-2-(*tert*-butyl)-4-phenyloxetane (5).

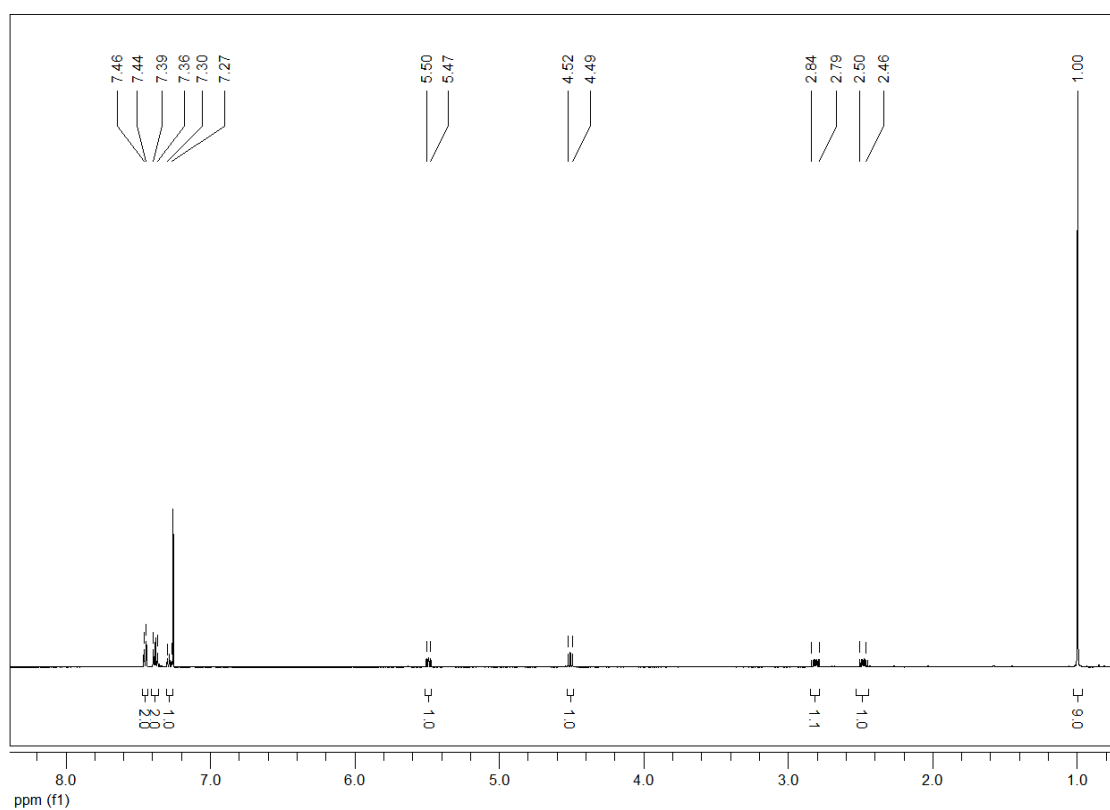


Figure S5. ^1H -NMR (600 MHz, CDCl_3) spectrum of *trans*-2-(*tert*-butyl)-4-phenyloxetane (5).

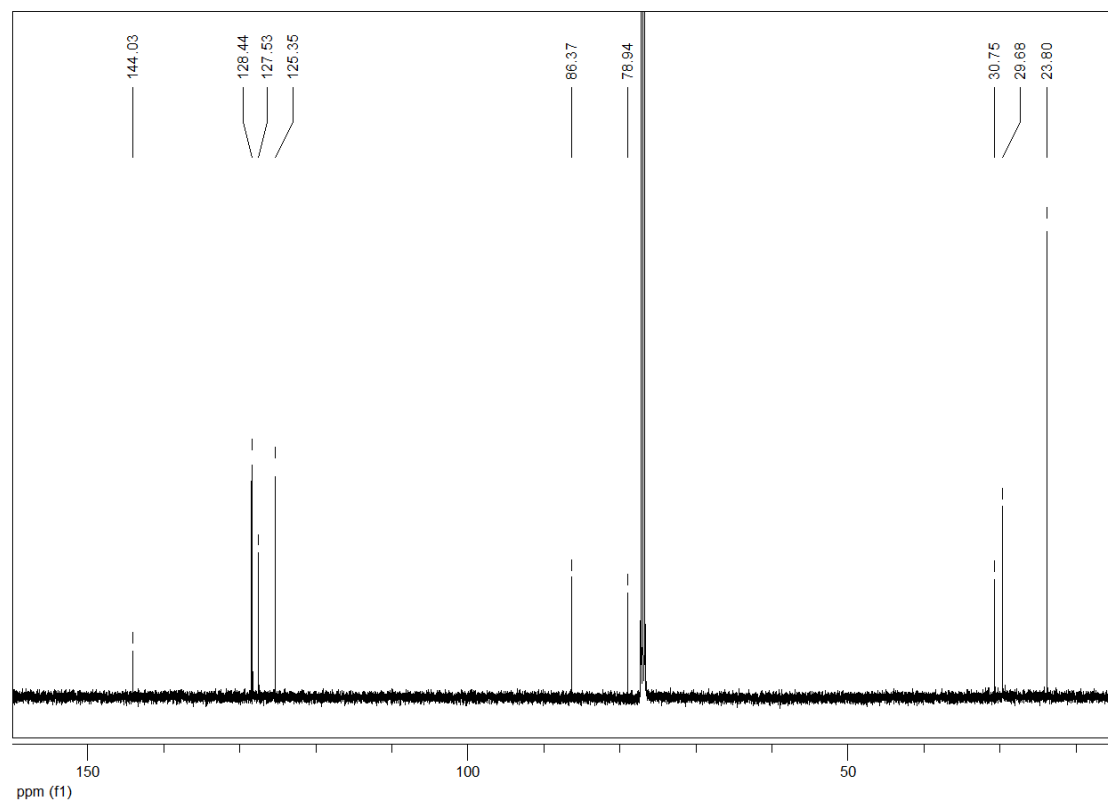


Figure S6. ^{13}C -NMR (150 MHz, CDCl_3) spectrum of *trans*-2-(*tert*-butyl)-4-phenyloxetane (5).