

Supplementary Material

Enone epoxidation using an isoindolinone hydroperoxide reagent inspired by a serendipitous oxazolidinone autooxidation

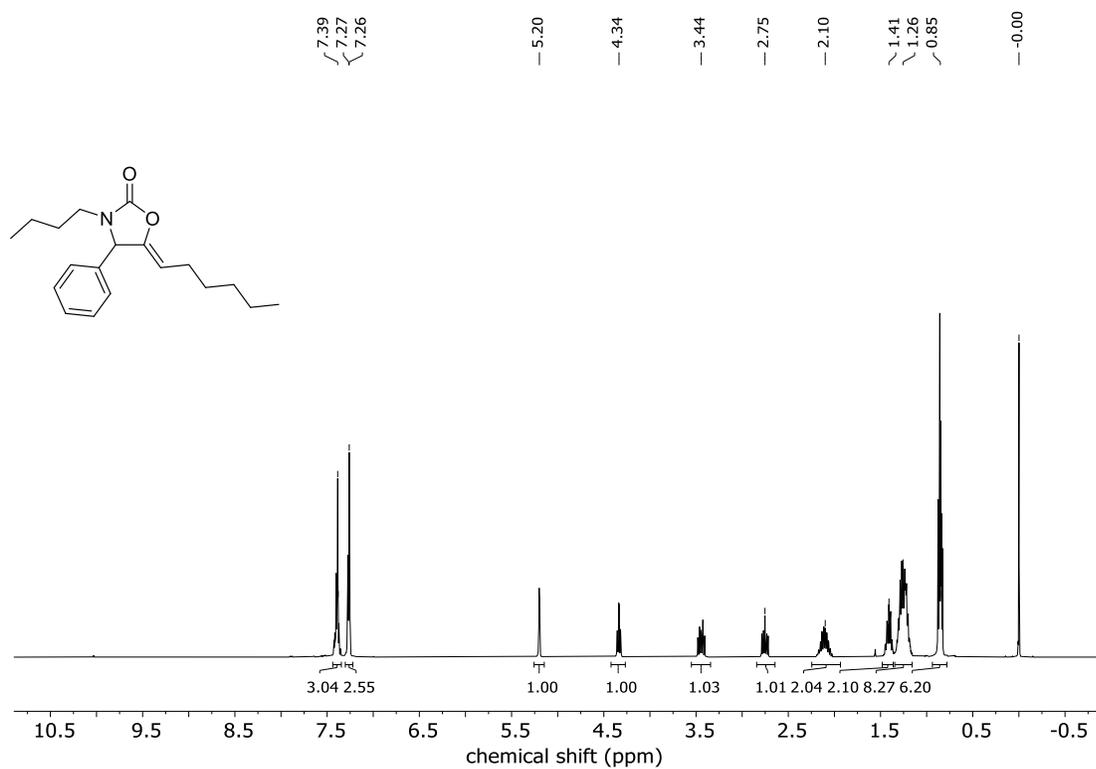
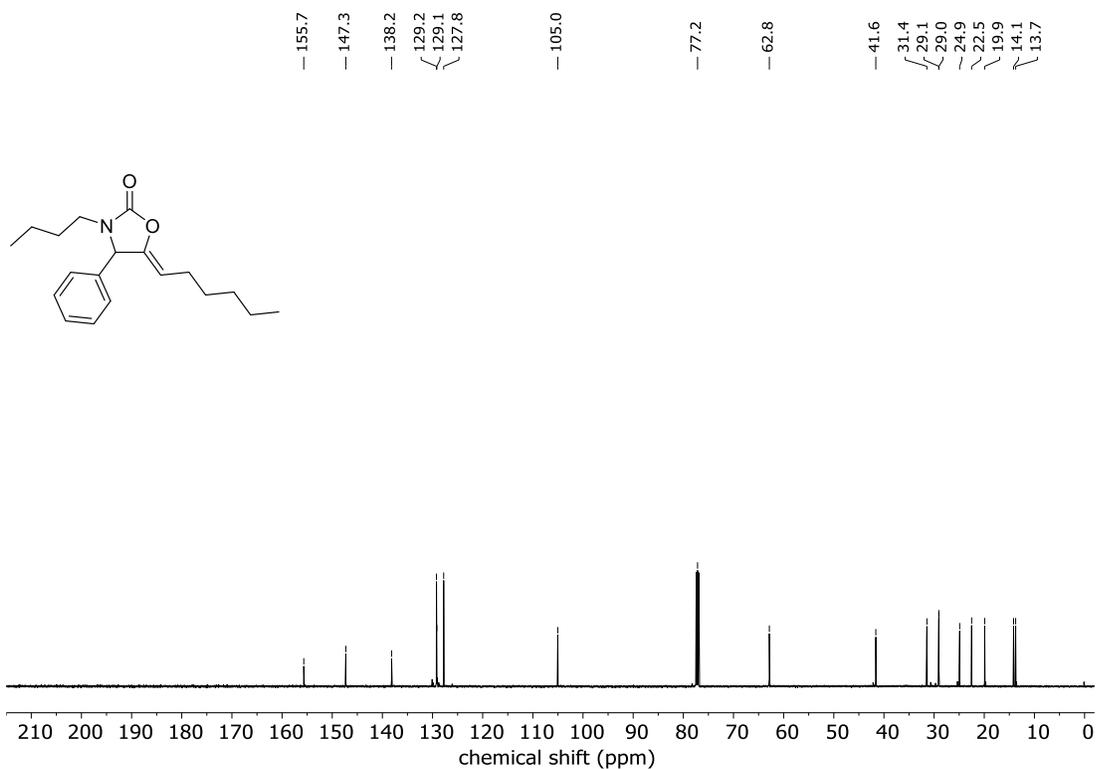
Allison R. Wong and Jessica R. Lamb

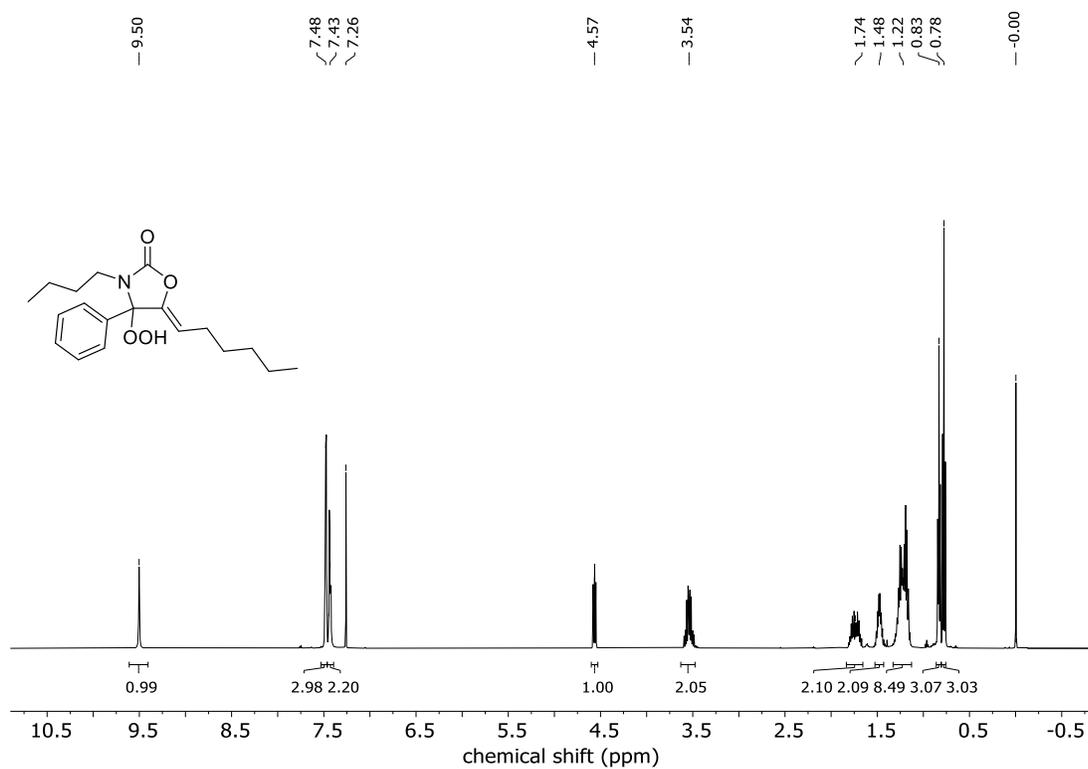
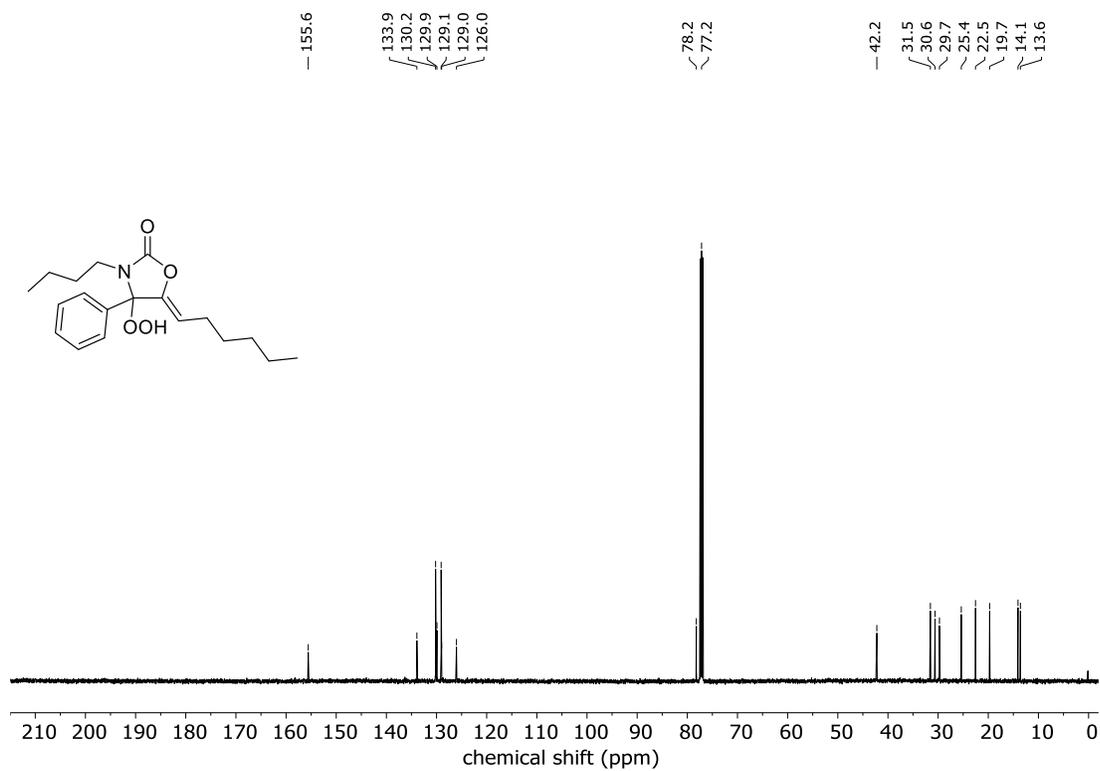
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Figure S1. ¹H NMR spectrum (400 MHz, CDCl₃) of 1.Figure S2. ¹³C NMR spectrum (126 MHz, CDCl₃) of 1.

Figure S3. ¹H NMR spectrum (500 MHz, CDCl₃) of 2.Figure S4. ¹³C NMR spectrum (126 MHz, CDCl₃) of 2.

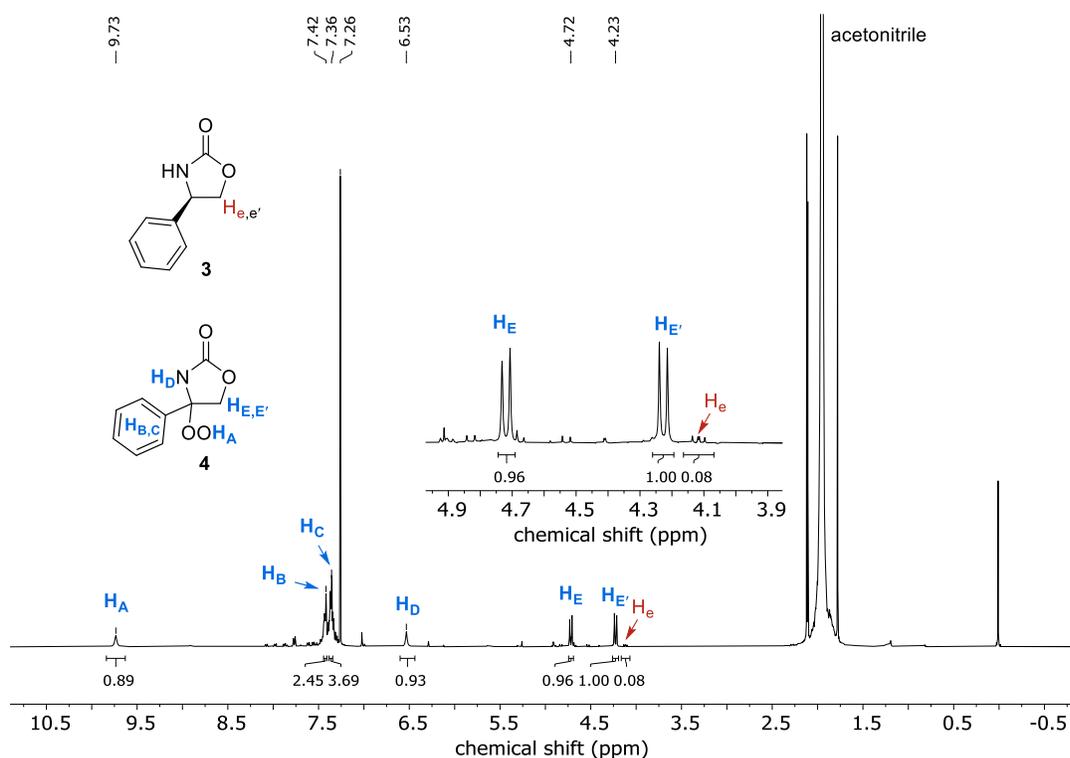


Figure S5. ^1H NMR spectrum (400 MHz, CDCl_3) of the crude reaction mixture for the oxidation of **3** to **4**. All peaks of **4** are labeled along with H_e of **3**. Conversion was determined from the integrations of $\text{H}_{E'}$ and H_e .

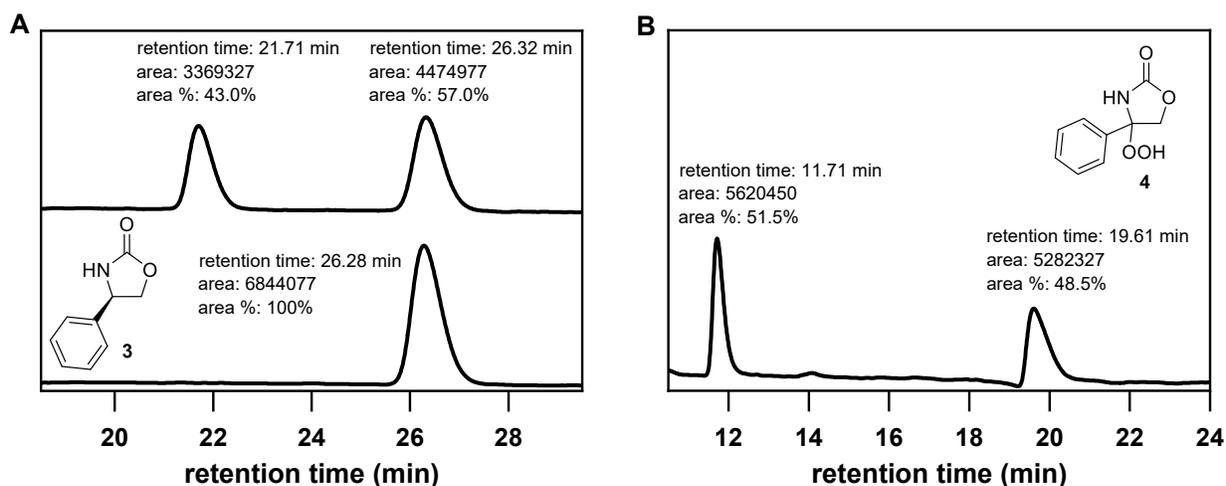
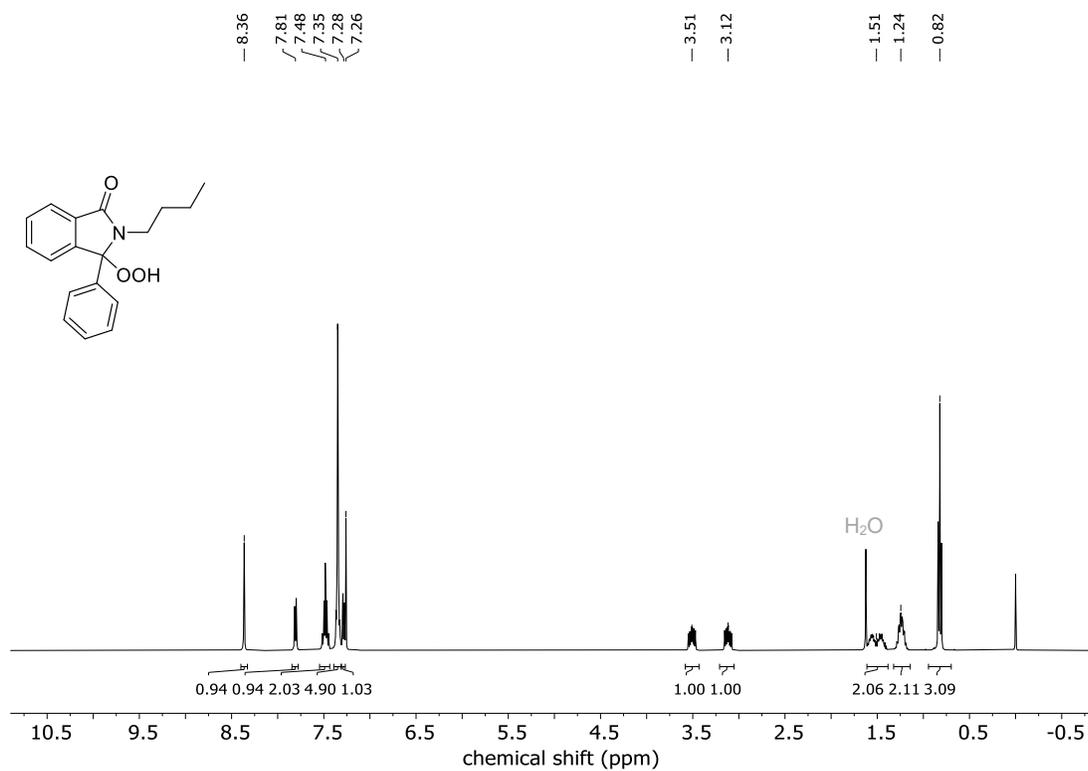
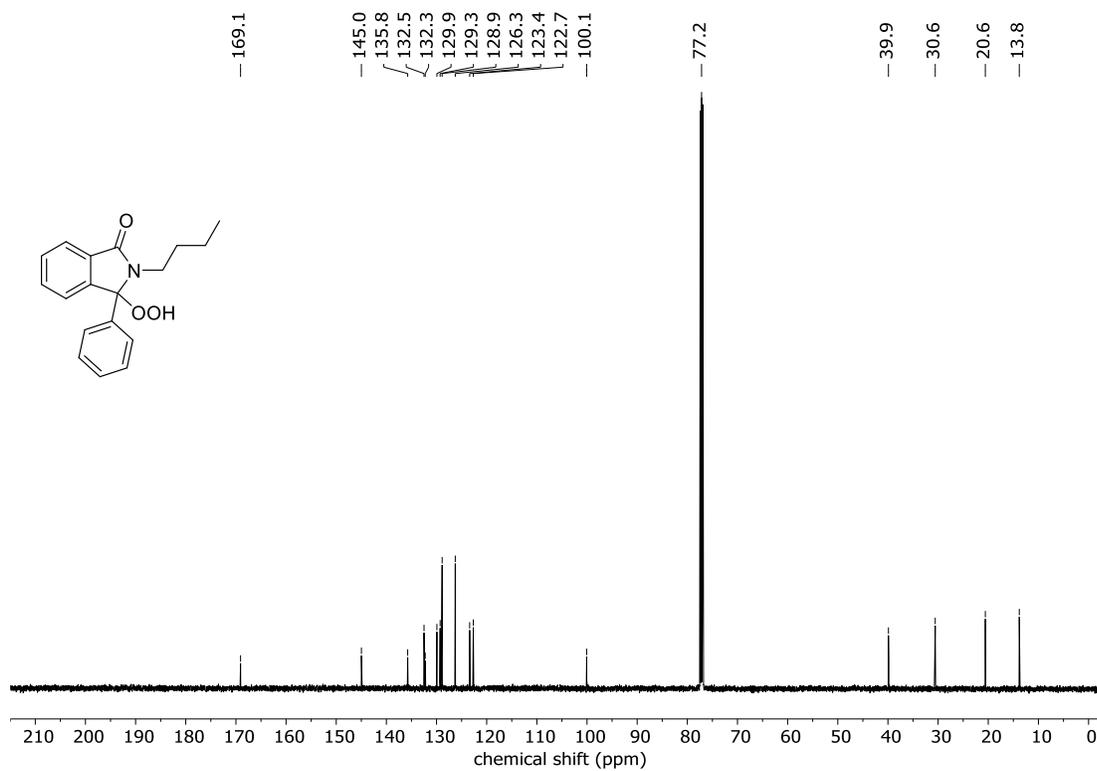


Figure S6. (A) Chiral HPLC chromatograms of **3** and a scalemic mixture of **3** with ent-**3**. Chromatograms are vertically offset for clarity. (B) Chiral HPLC chromatogram of **4**.

Figure S7. ¹H NMR spectrum (400 MHz, CDCl₃) of 6.Figure S8. ¹³C NMR spectrum (126 MHz, CDCl₃) of 6.