

Electronic Supplementary Material (ESI) for New Journal of Chemistry
This journal is © The Royal Society of Chemistry 2019

Reactivities of MeO-substituted PBN-Type Nitrones

Anaïs Deletraz,^a Kamal Zéamari,^a Florent Di Meo,^b Paul-Louis Fabre,^c
Karine Reybier,^c Patrick Trouillas,^{b,d} Béatrice Tuccio,^e and Grégory Durand^{a*}

^aInstitut des Biomolécules Max Mousseron, UMR 5247 CNRS-Université Montpellier-ENSCM & Avignon Université, Equipe Chimie Bioorganique et Systèmes Amphiphiles, 301 rue Baruch de Spinoza, BP 21239, Avignon 84916 Cedex 9, France ;

^bNSERM U1248 IPPRITT, Univ. Limoges, Faculté de Médecine et Pharmacie, 2 rue Du Professeur Descottes F-87000 Limoges, France;

^cPharma-Dev, UMR 152, Université de Toulouse, IRD, UPS, 35 chemin des Maraîchers, 31400 Toulouse, France ;

^dRegional Centre of Advanced Technologies and Materials, Faculty of Science, Palacký University, tř. 17 listopadu, 771 46, Olomouc, Czech Republic

^eAix-Marseille Université, CNRS, ICR UMR 7273, Avenue Escadrille Normandie Niemen, 13397 Marseille Cedex 20, France.

*Corresponding Author. Grégory Durand. E-mail: gregory.durand@univ-avignon.fr; Phone: +33 (0)4 9014 4445.

Table of contents

Figure S1. ¹ H NMR spectrum of compound 1 in CDCl ₃ .	S2
Figure S2. ¹³ C NMR spectrum of compound 1 in CDCl ₃ .	S2
Figure S3. ¹ H NMR spectrum of compound 2 in CDCl ₃ .	S3
Figure S4. ¹³ C NMR spectrum of compound 2 in CDCl ₃ .	S3
Figure S5. ¹ H NMR spectrum of compound 3 in CDCl ₃ .	S4
Figure S6. ¹³ C NMR spectrum of compound 3 in CDCl ₃ .	S4
Figure S7. ¹ H NMR spectrum of compound 4 in CDCl ₃ .	S5
Figure S8. ¹³ C NMR spectrum of compound 4 in CDCl ₃ .	S5
Figure S9. High-resolution mass spectrum of compound 4 .	S6
Figure S10. ¹ H NMR spectrum of compound 5 in CDCl ₃ .	S6
Figure S11. ¹³ C NMR spectrum of compound 5 in CDCl ₃ .	S7
Figure S12. ¹ H NMR spectrum of compound 6 in CDCl ₃ .	S7
Figure S13. ¹³ C NMR spectrum of compound 6 in CDCl ₃ .	S8
Figure S14. ³¹ P NMR spectrum of compound 6 in CDCl ₃ .	S8
Figure S15. High-resolution mass spectrum of compound 6 .	S9
Figure S16. ¹ H NMR spectrum of compound 7 in CDCl ₃ .	S9
Figure S17. ¹³ C NMR spectrum of compound 7 in CDCl ₃ .	S10
Figure S18. High-resolution mass spectrum of compound 7 .	S10

2-MeO-PBN

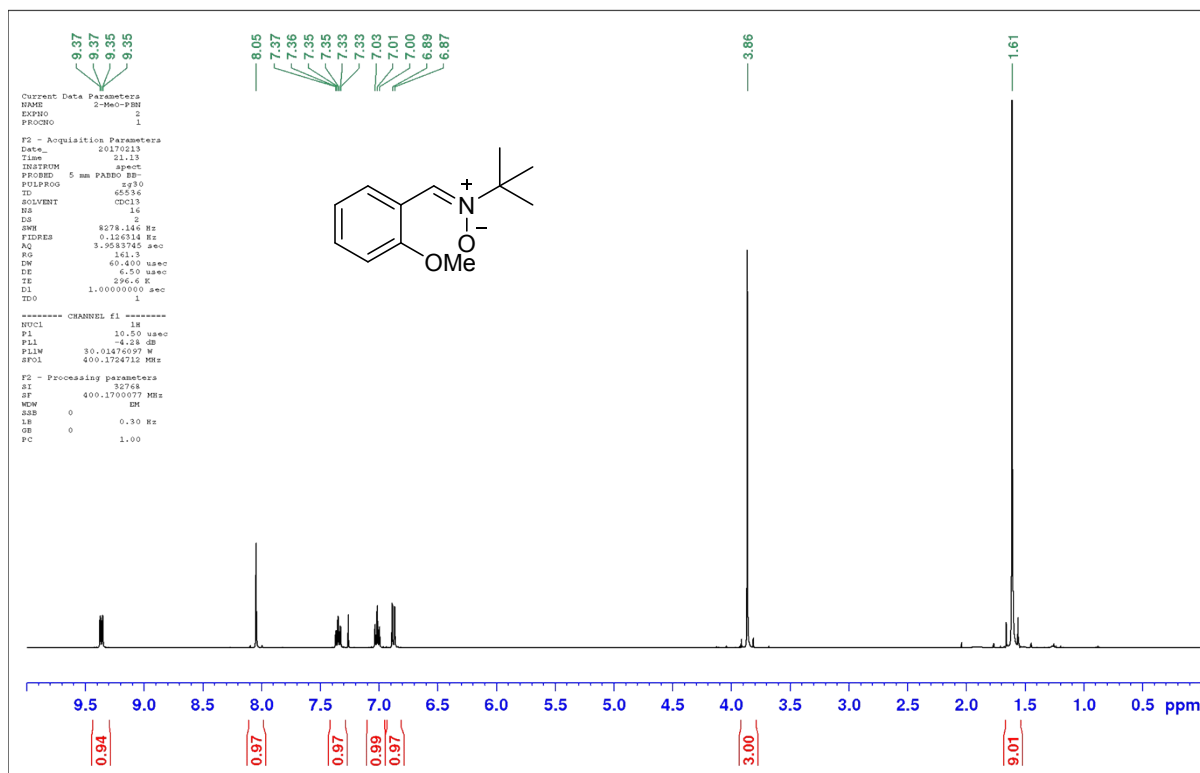


Figure S1. ¹H NMR spectrum of compound 1 in CDCl₃.

2-MeO-PBN

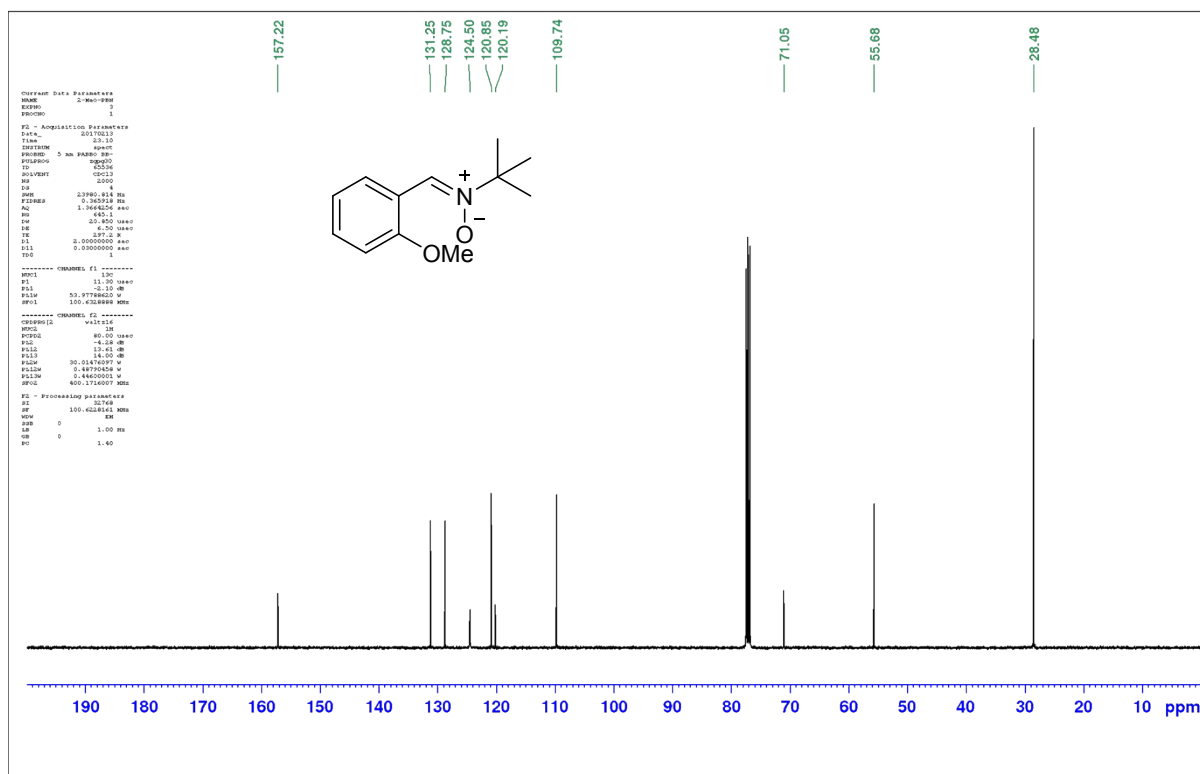


Figure S2. ¹³C NMR spectrum of compound 1 in CDCl₃.

3-MeO-PBN

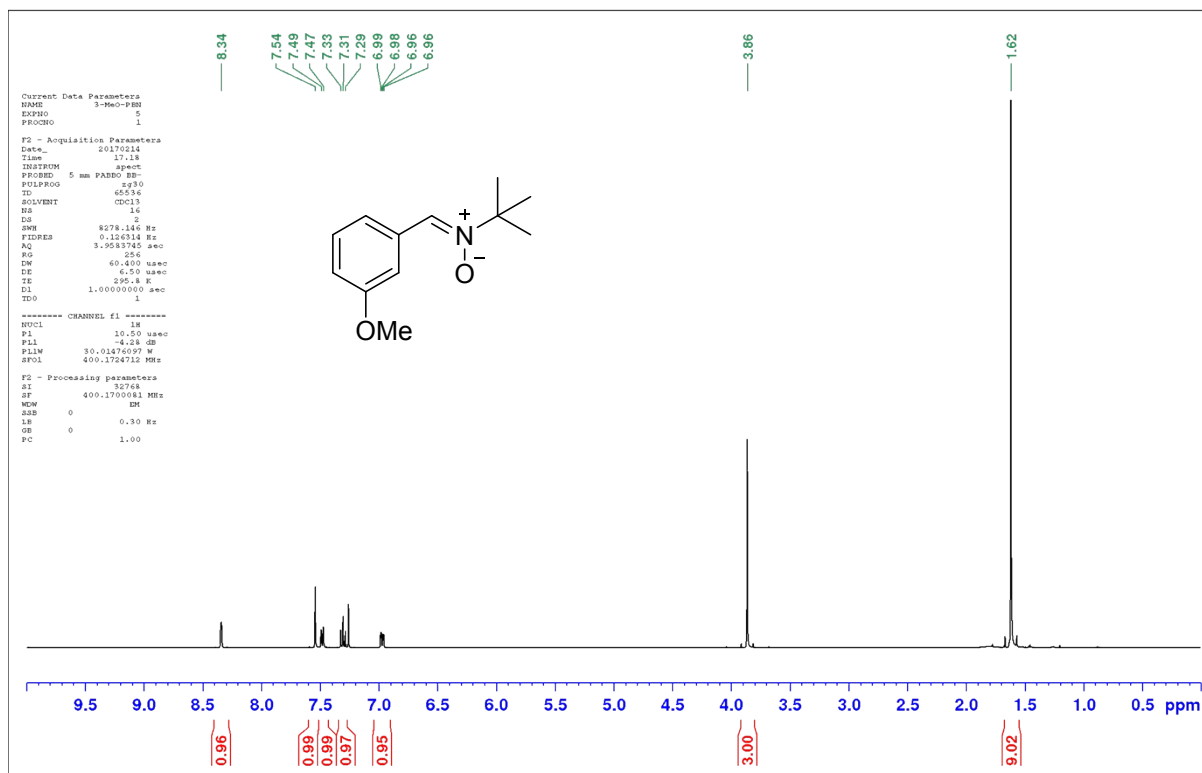


Figure S3. ¹H NMR spectrum of compound 2 in CDCl₃.

3-MeO-PBN

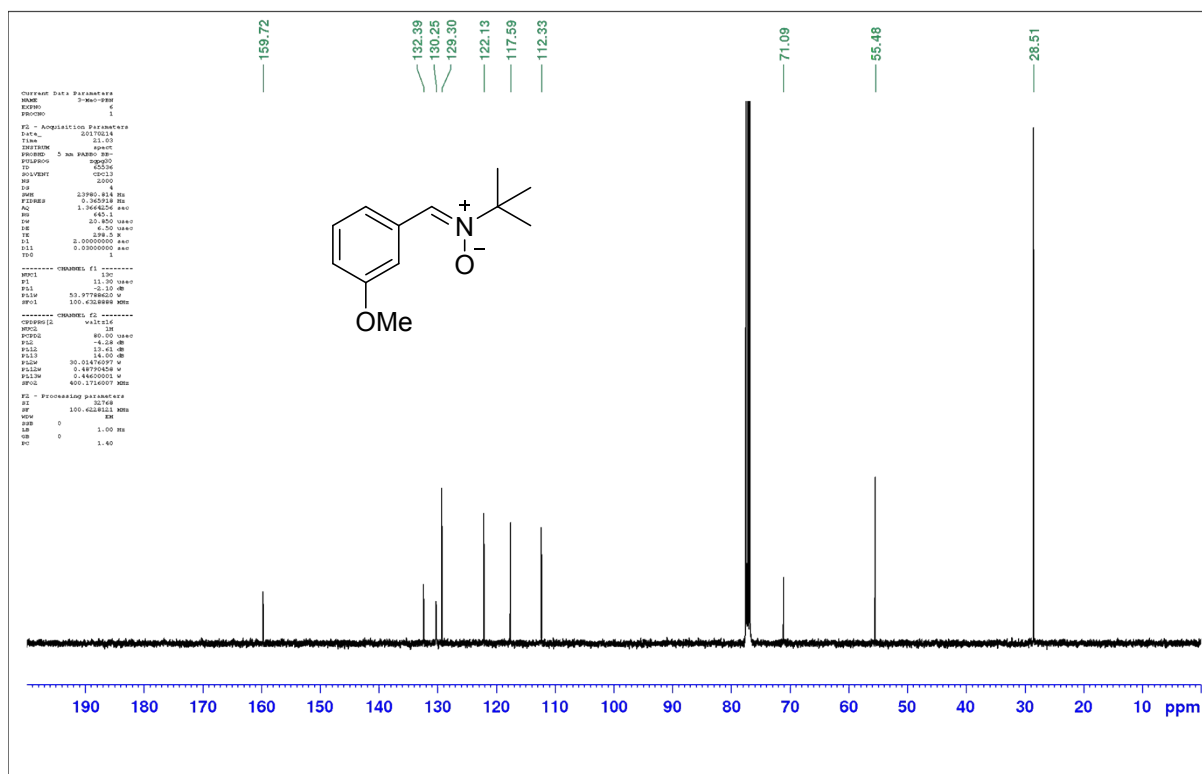


Figure S4. ¹³C NMR spectrum of compound 2 in CDCl₃.

4-MeO-PBN

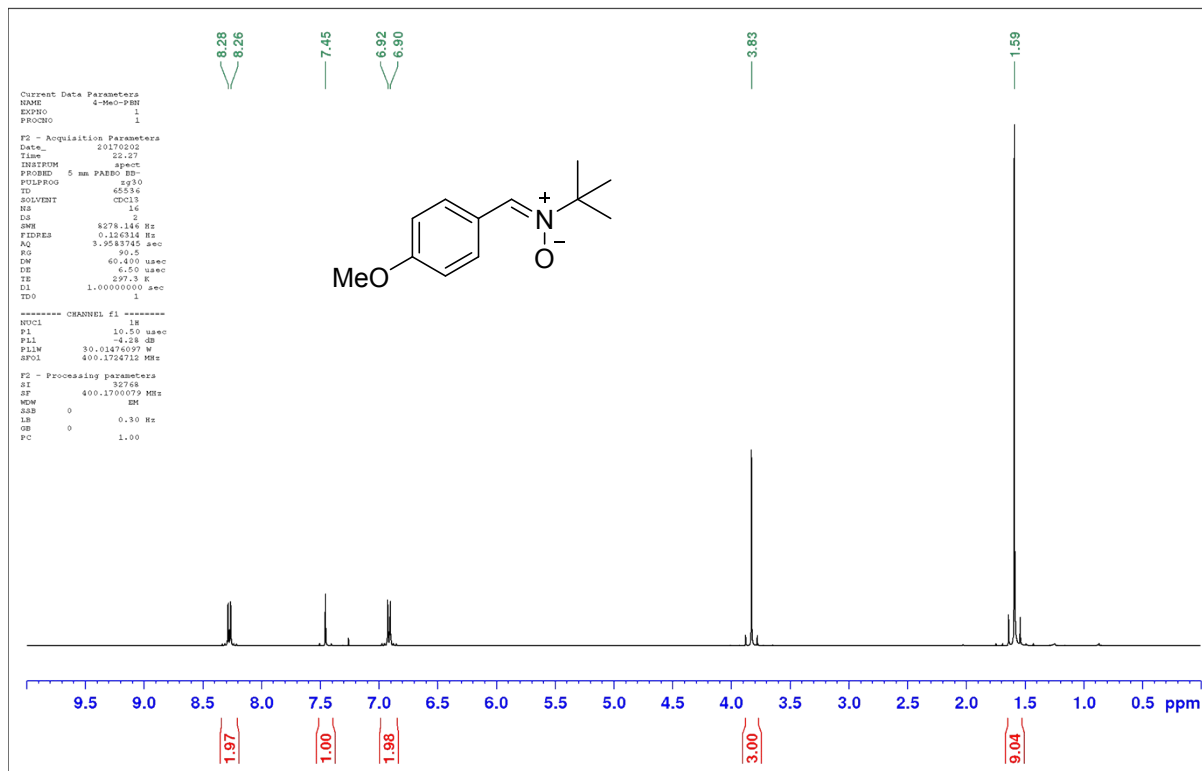


Figure S5. ¹H NMR spectrum of compound **3** in CDCl₃.

4-MeO-PBN

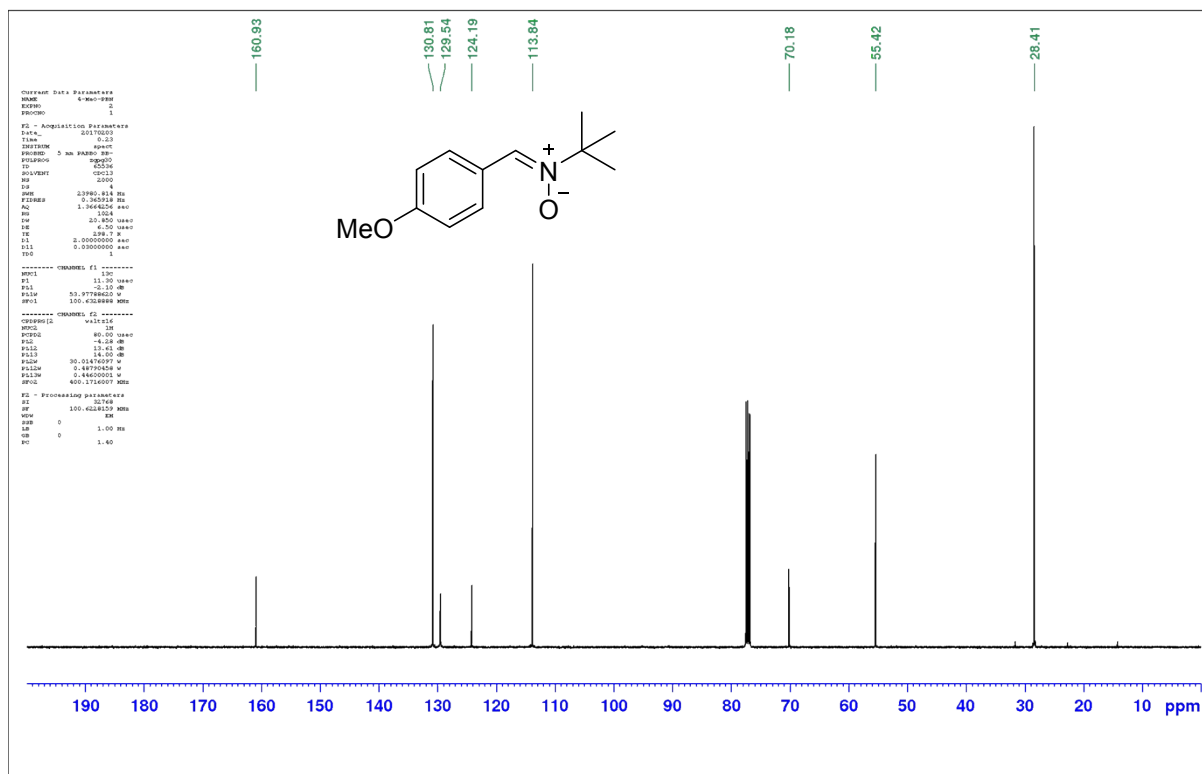


Figure S6. ¹³C NMR spectrum of compound **3** in CDCl₃.

2,6-di-MeO-PBN

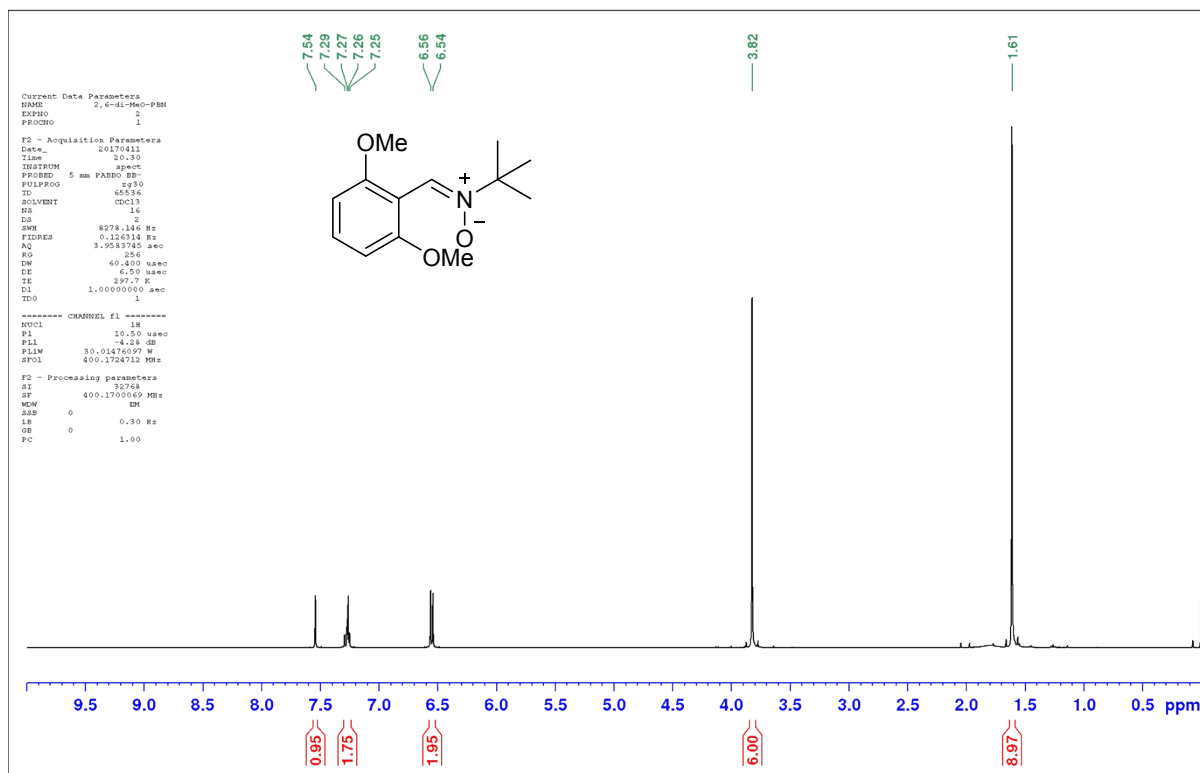


Figure S7. ¹H NMR spectrum of compound 4 in CDCl₃.

2,6-di-MeO-PBN

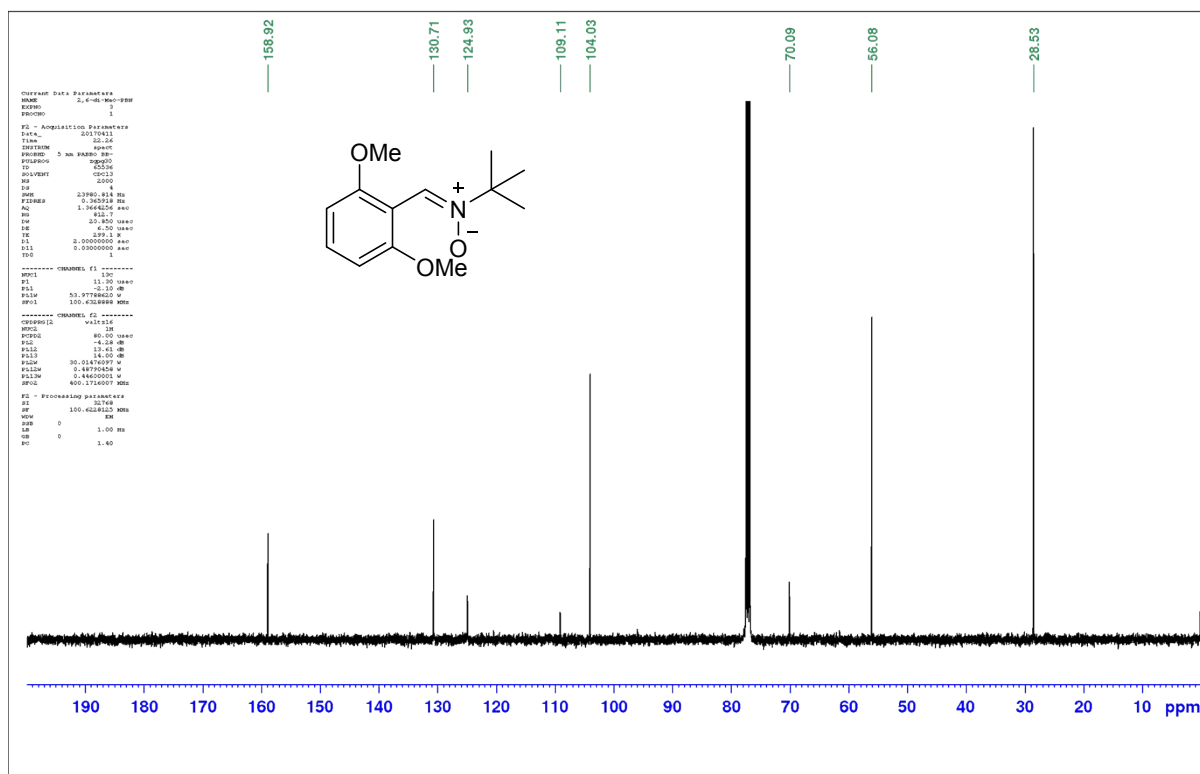


Figure S8. ¹³C NMR spectrum of compound 4 in CDCl₃.

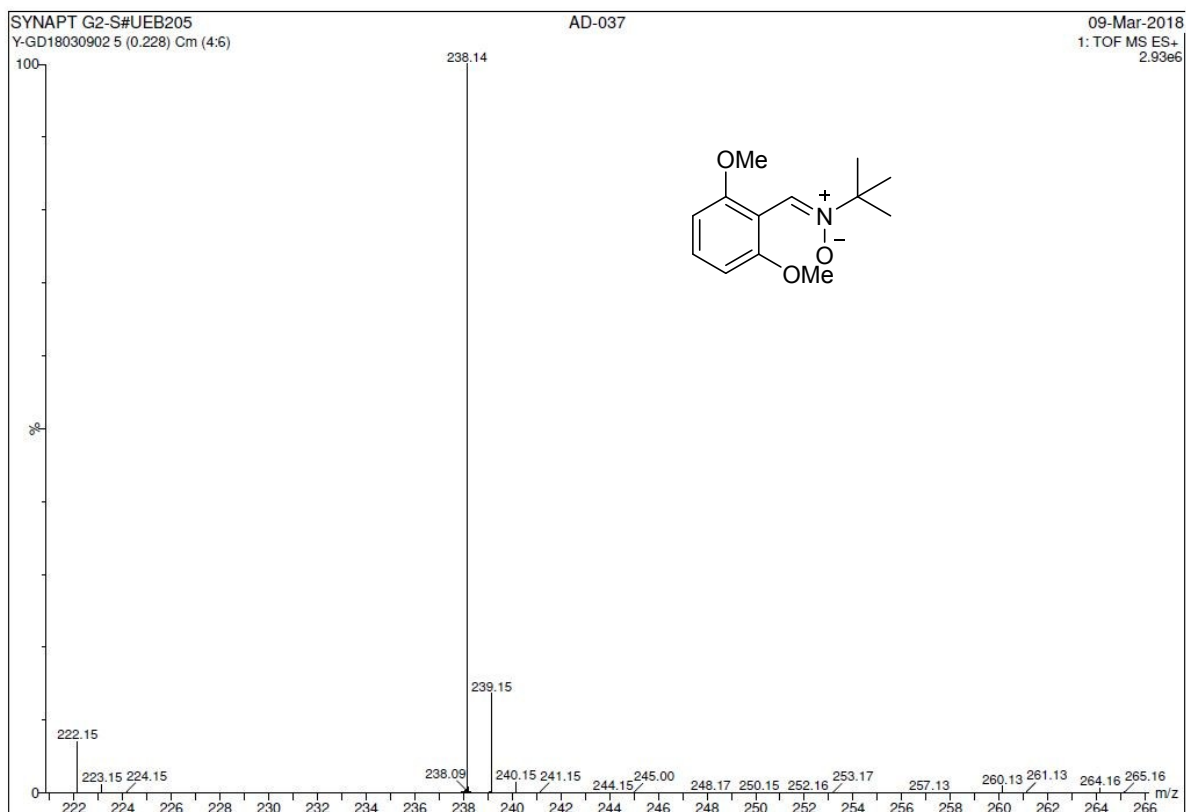


Figure S9. High-resolution mass spectrum of compound 4.

2,4,6-tri-MeO-PBN

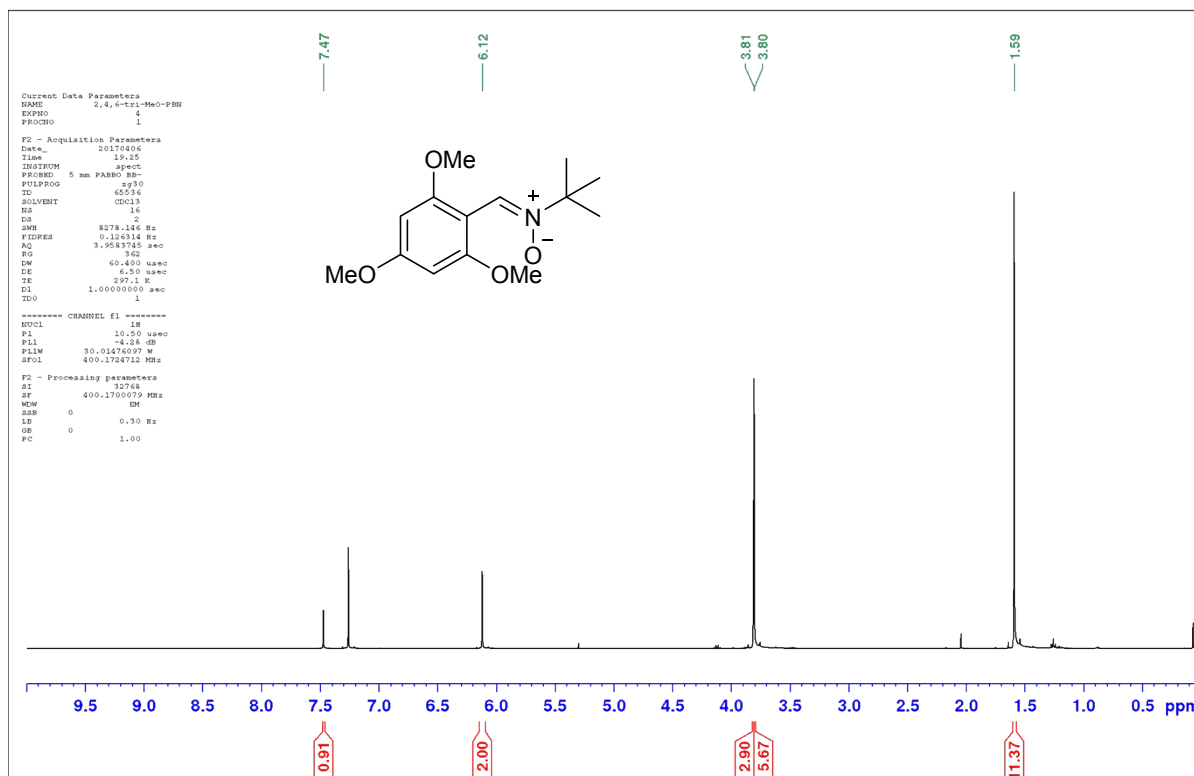


Figure S10. ¹H NMR spectrum of compound 5 in CDCl₃.

2,4,6-tri-MeO-PBN

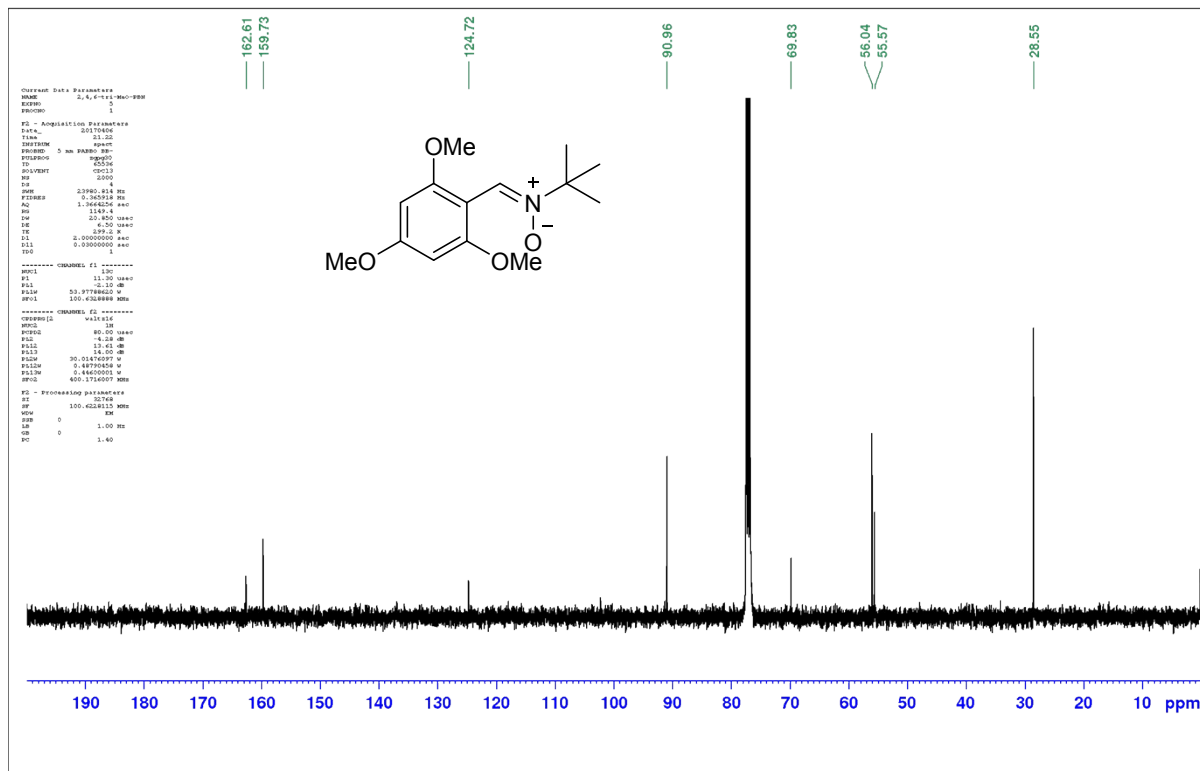


Figure S11. ¹³C NMR spectrum of compound 5 in CDCl₃.

4-MeO-PPN

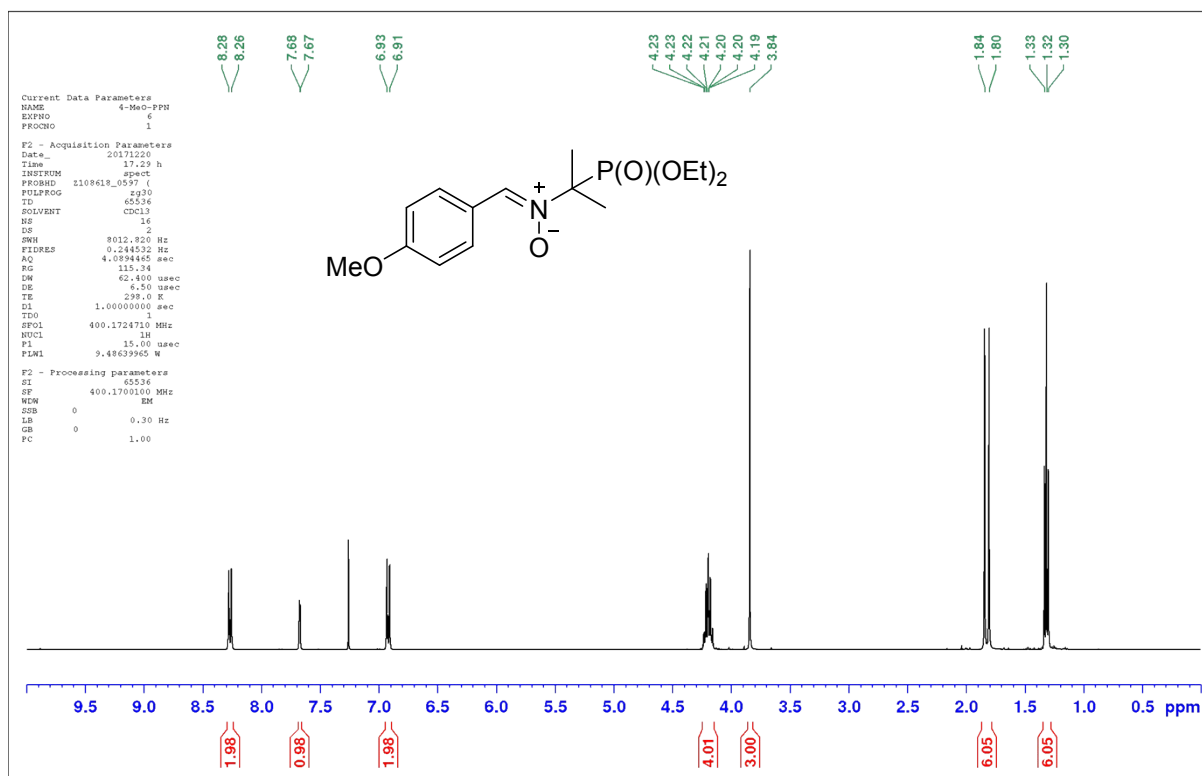


Figure S12. ¹H NMR spectrum of compound 6 in CDCl₃.

4-MeO-PPN

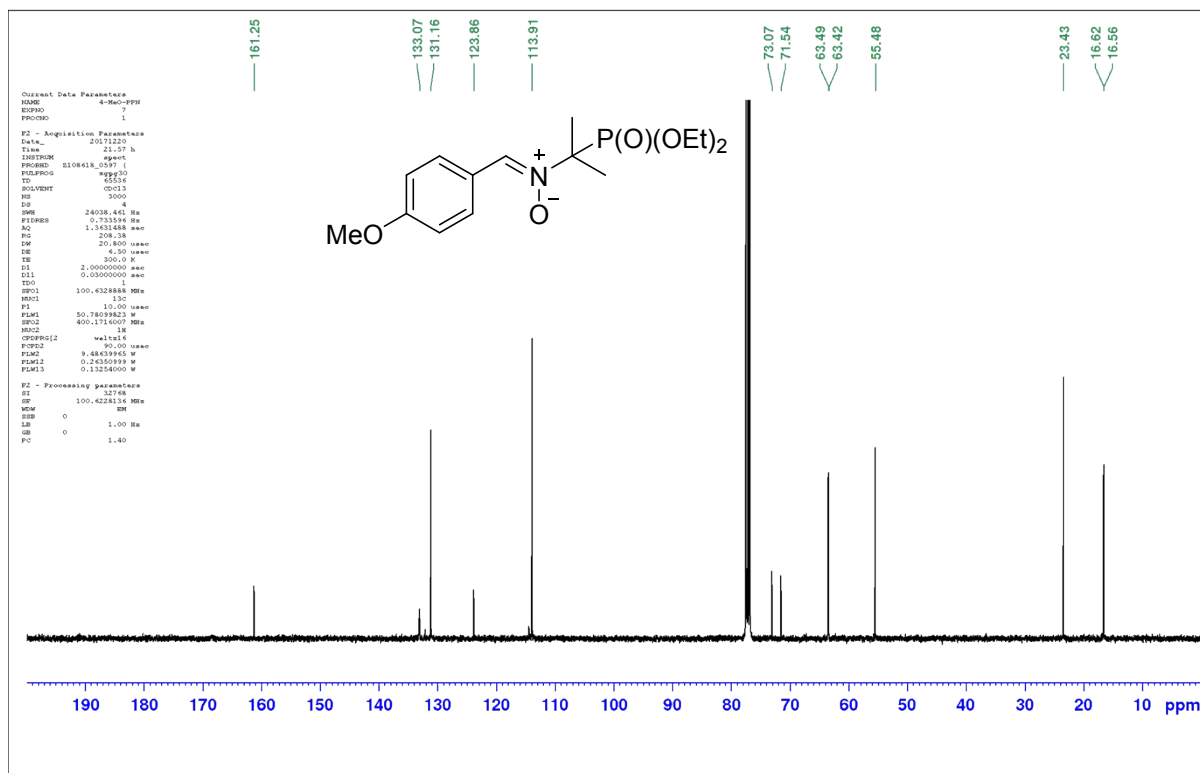


Figure S13. ¹³C NMR spectrum of compound **6** in CDCl₃.

4-MeO-PPN

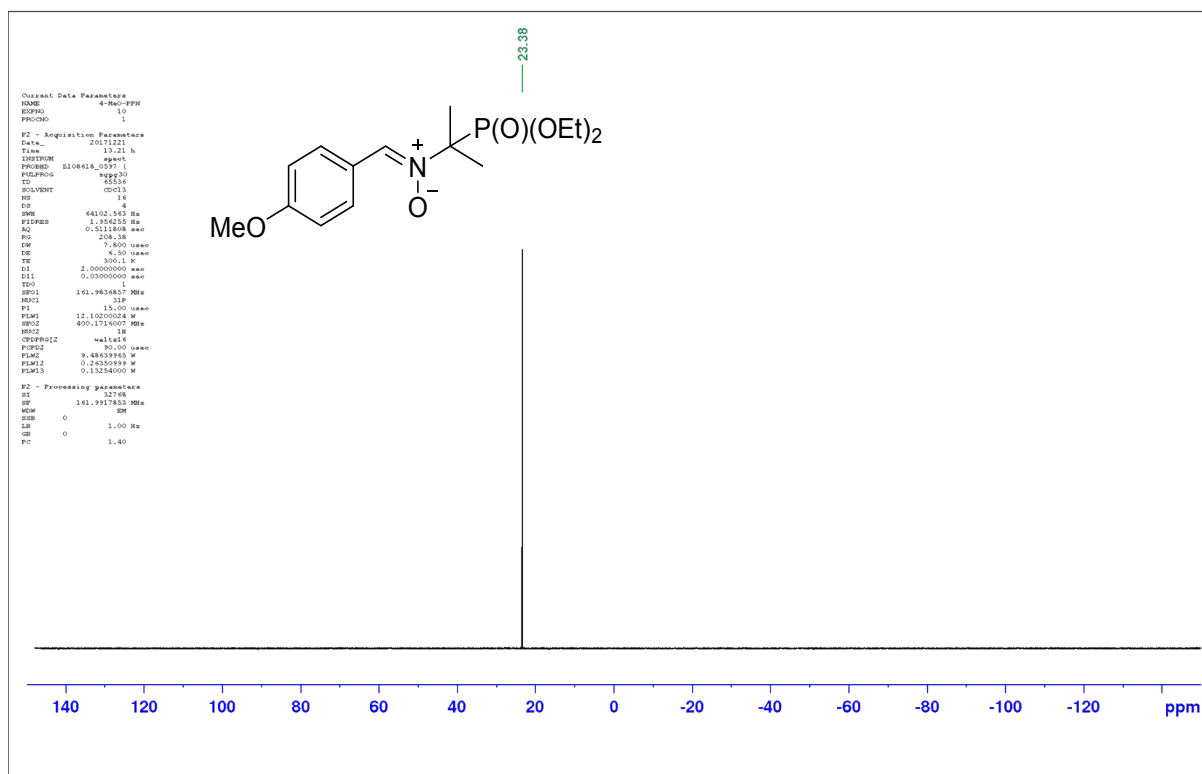


Figure S14. ³¹P NMR spectrum of compound **6** in CDCl₃.

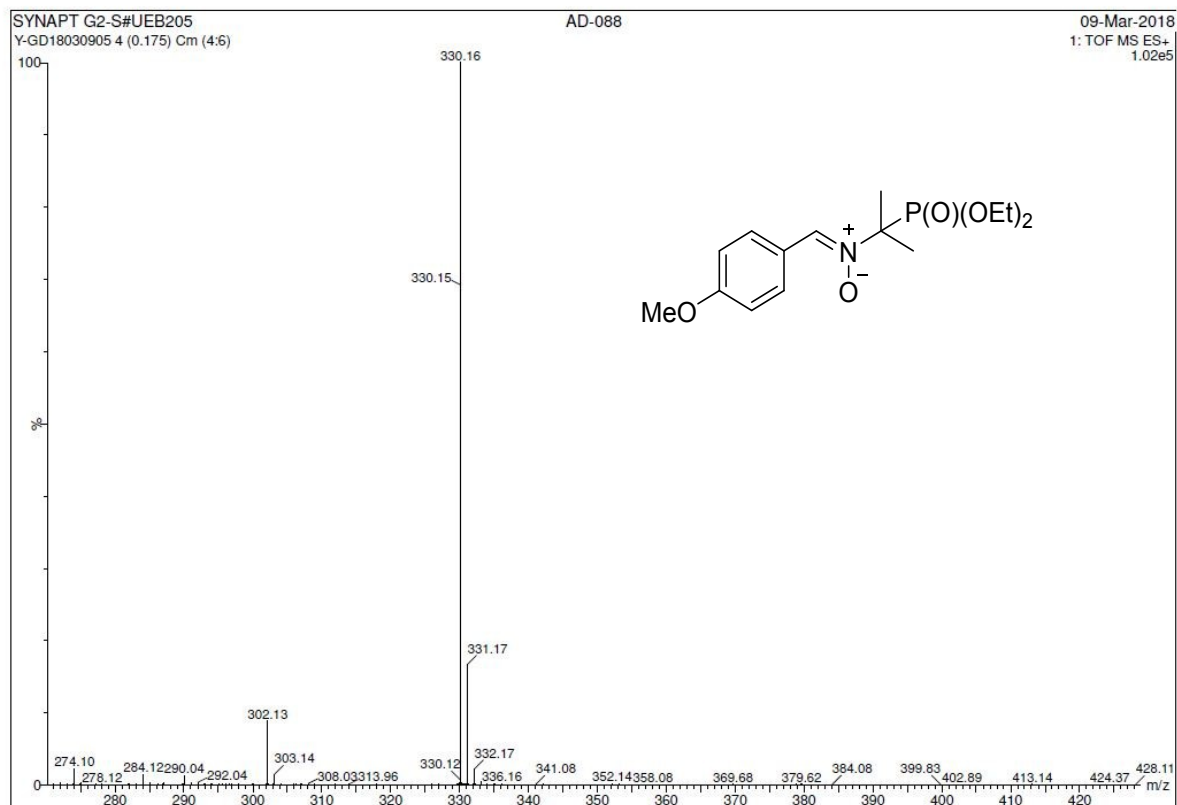


Figure S15. High-resolution mass spectrum of compound 6.

4-MeO-EPPN

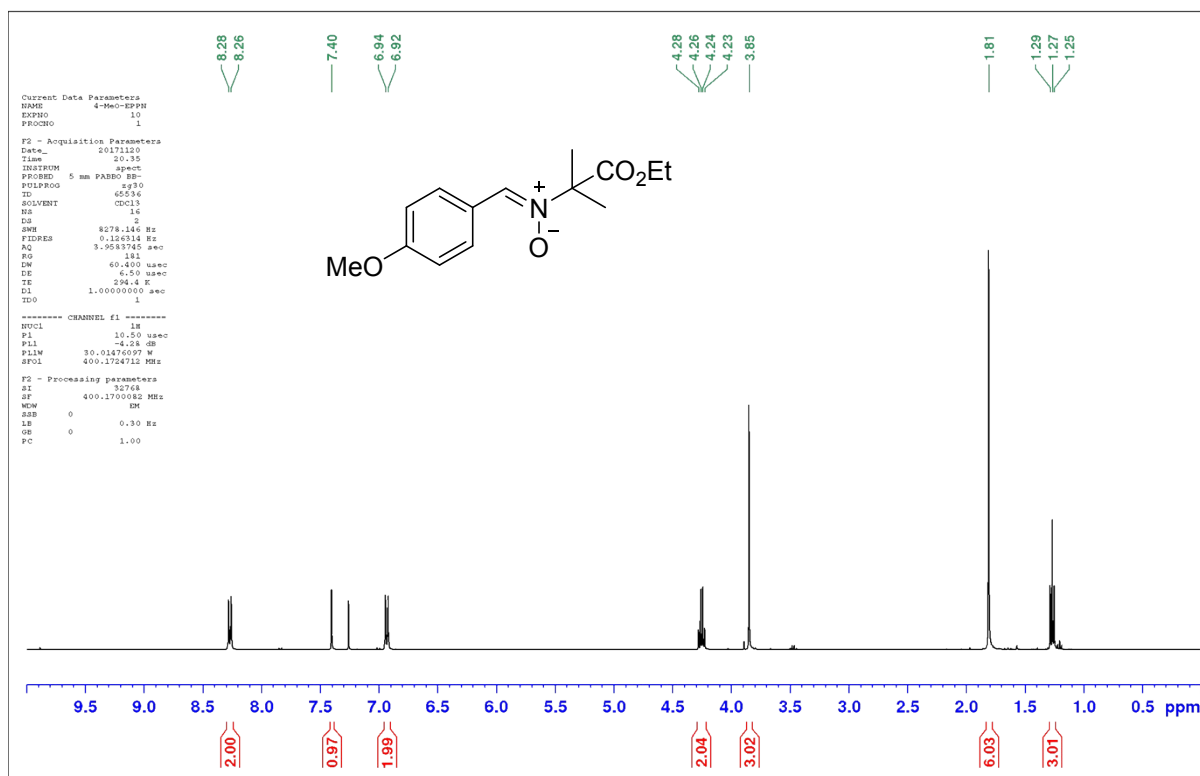


Figure S16. ¹H NMR spectrum of compound 7 in CDCl₃.

4-MeO-EPPN

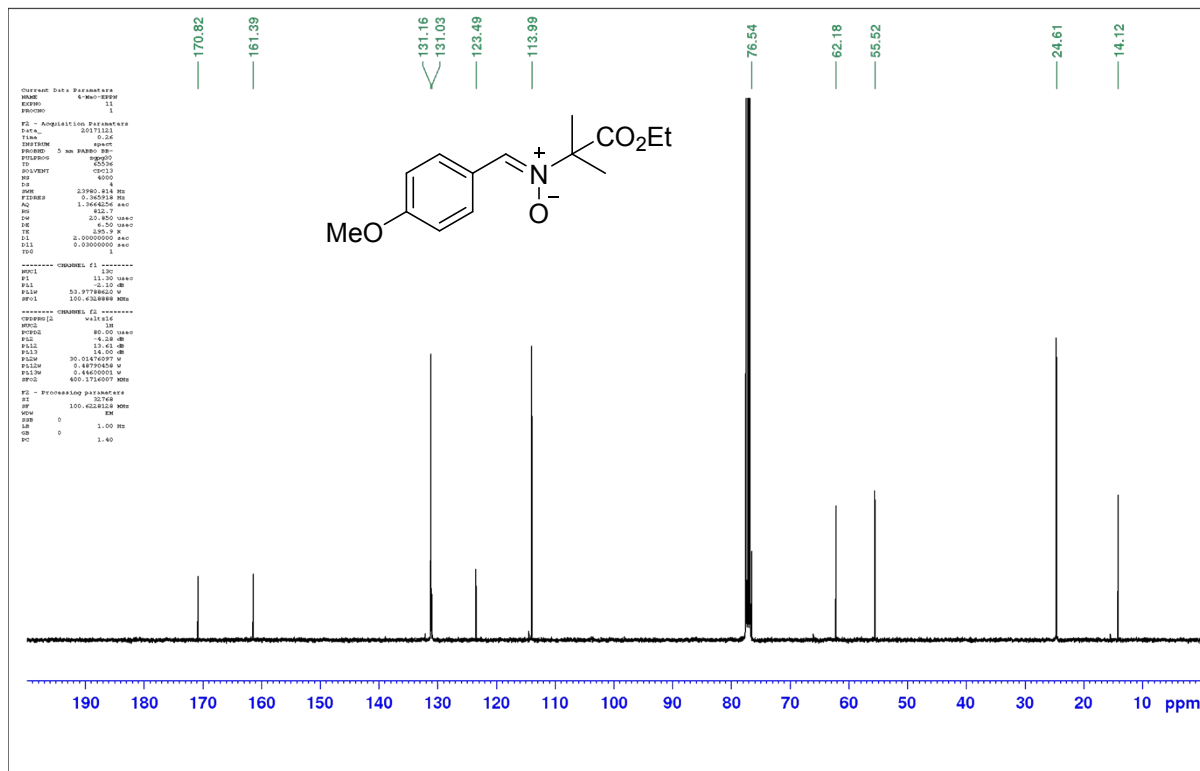


Figure S17. ¹³C NMR spectrum of compound 7 in CDCl₃.

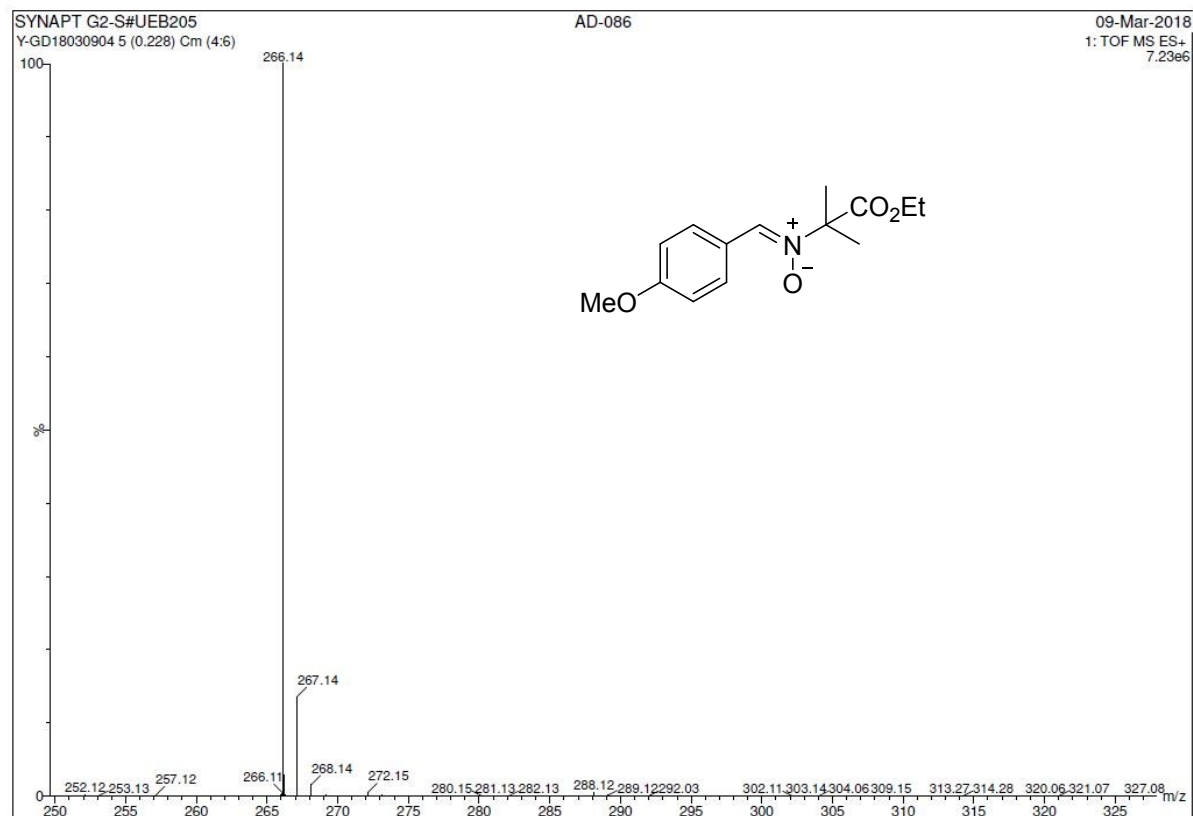


Figure S18. High-resolution mass spectrum of compound 7.