

Bioselectivity Induced by Chirality of New Terpenyl Organoselenium Compounds

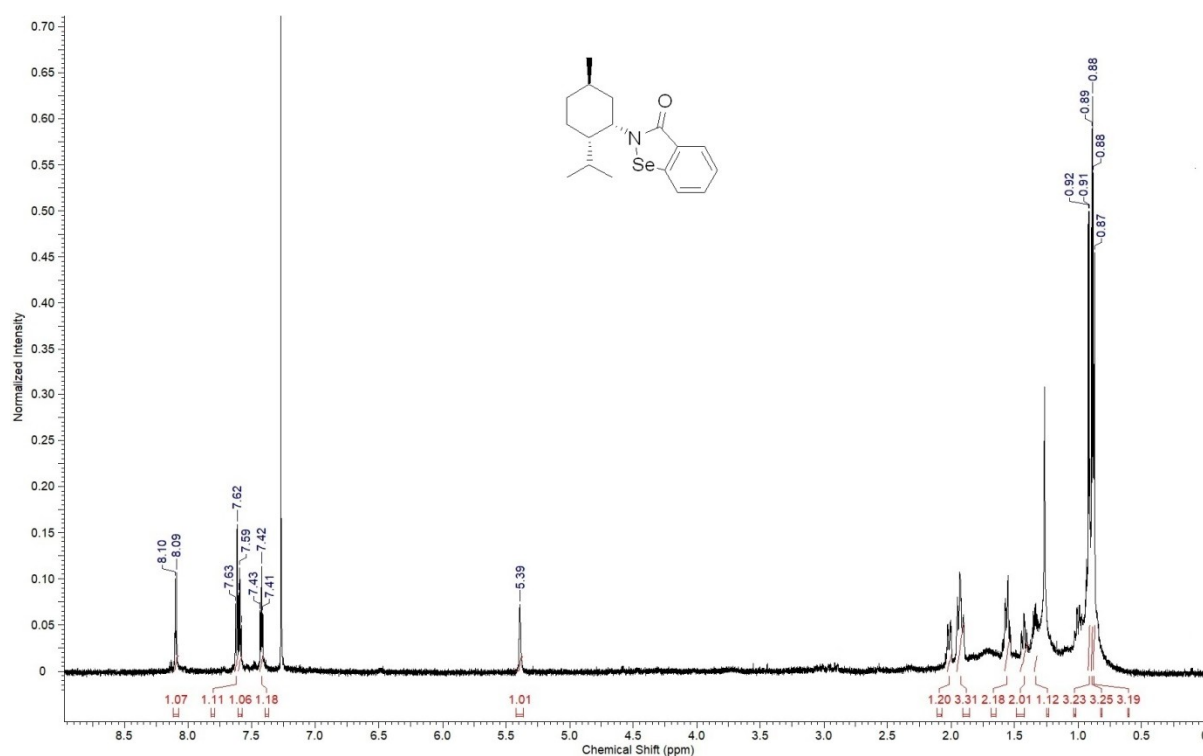
Magdalena Obieziurska ¹, Agata J. Pacuła ¹, Angelika Długosz-Pokorska ², Marek Krzemiński ^{1,†}, Anna Janecka ² and Jacek Ścianowski ^{1,*}

¹ Department of Organic Chemistry, Faculty of Chemistry, Nicolaus Copernicus University, 7 Gagarin Street, 87-100 Torun, Poland; magdao@umk.pl (M.O.); pacula@umk.pl (A.J.P.); mkrzem@umk.pl (M.K.)

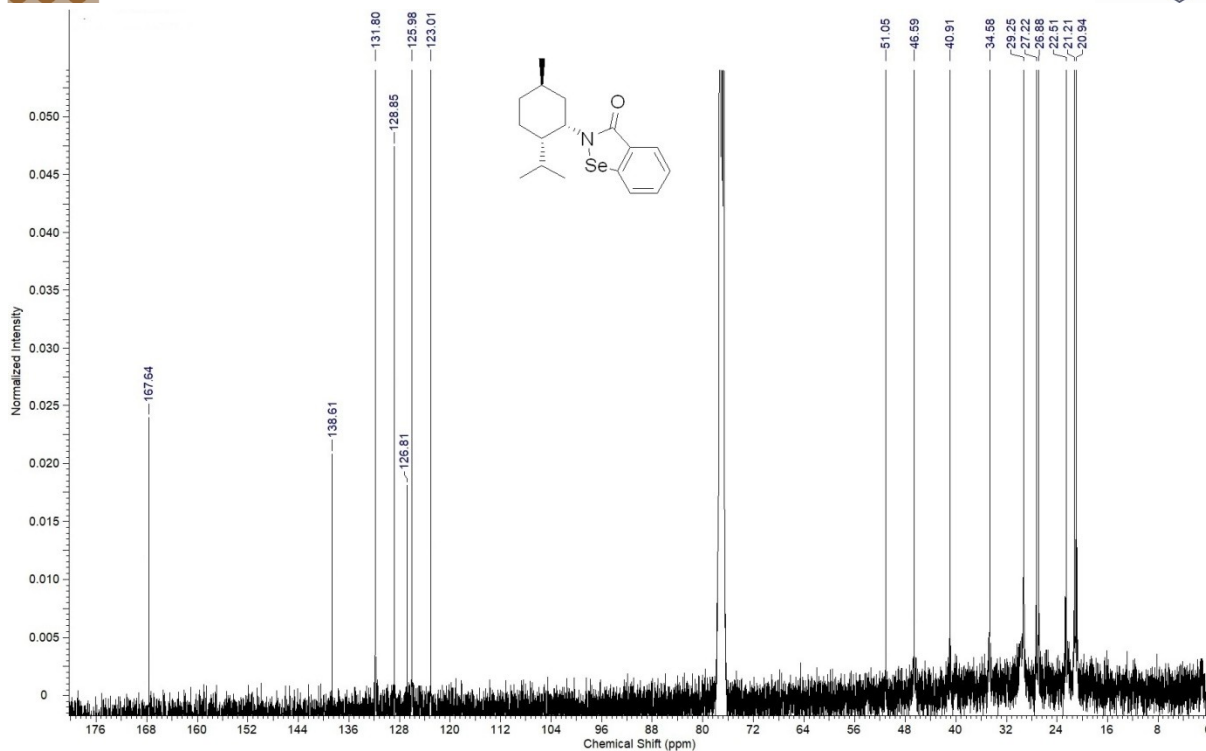
² Department of Biomolecular Chemistry, Faculty of Medicine, Medical University of Lodz, Mazowiecka 6/8, 92-215 Lodz, Poland; angelika.dlugosz@umed.lodz.pl (A.D.-P.); anna.janecka@umed.lodz.pl (A.J.)

* Correspondence: jsch@umk.pl

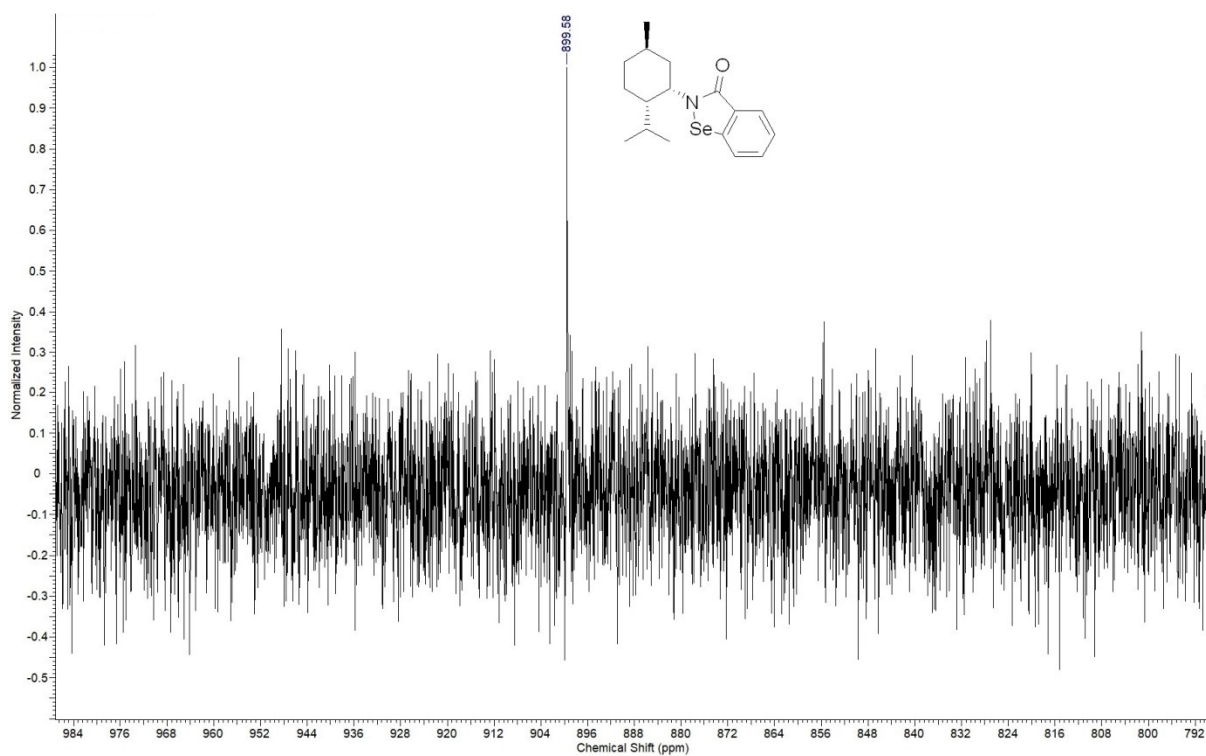
† Dedicated to Professor Marek Zaidlewicz on the occasion of his 80th birthday



(a)

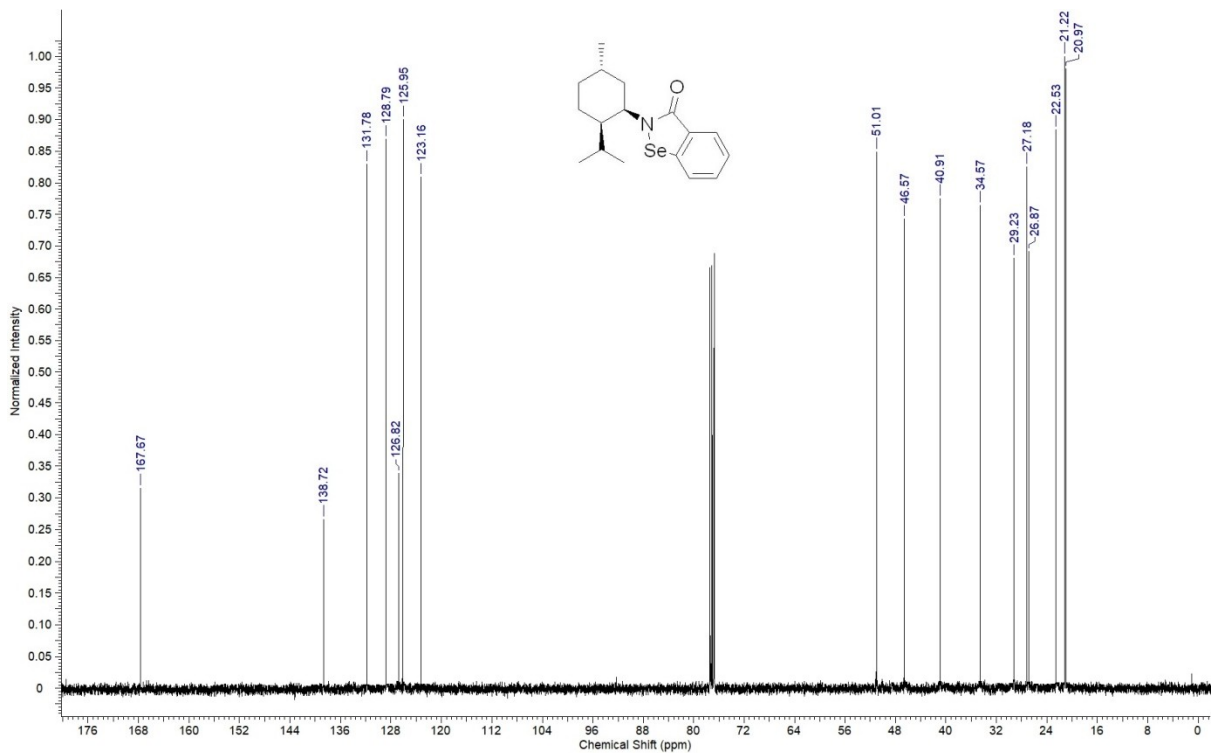
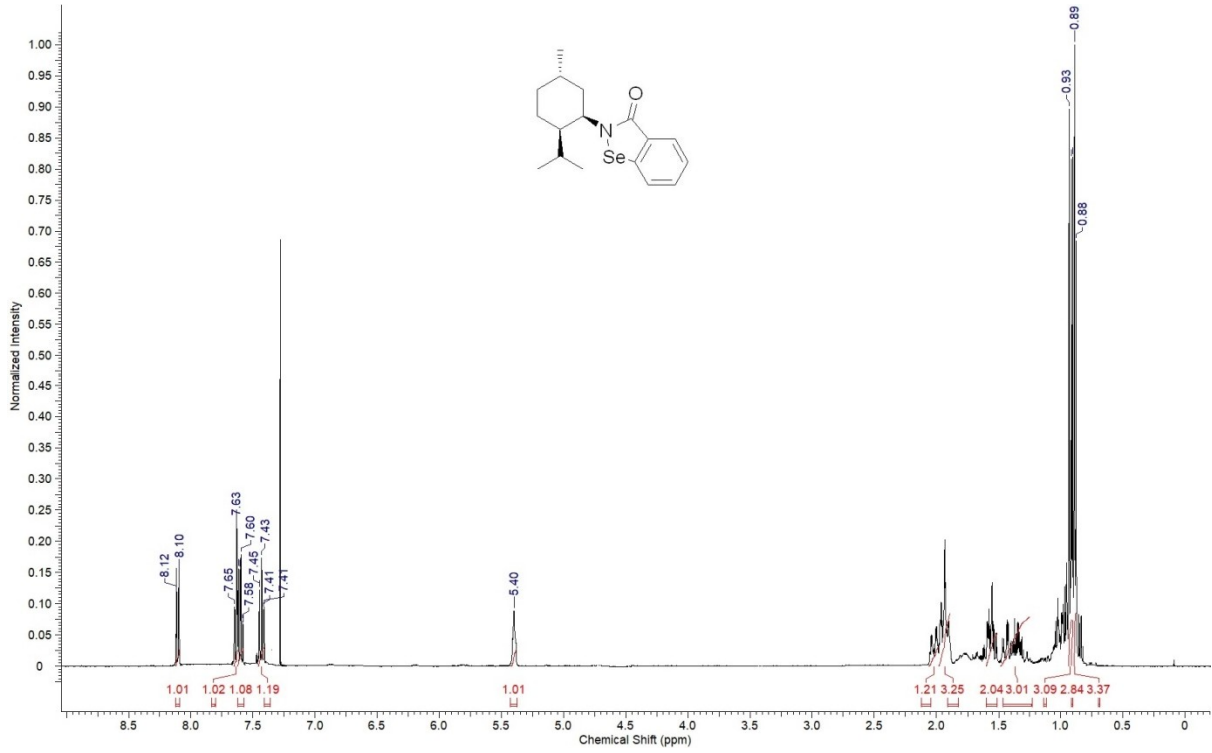


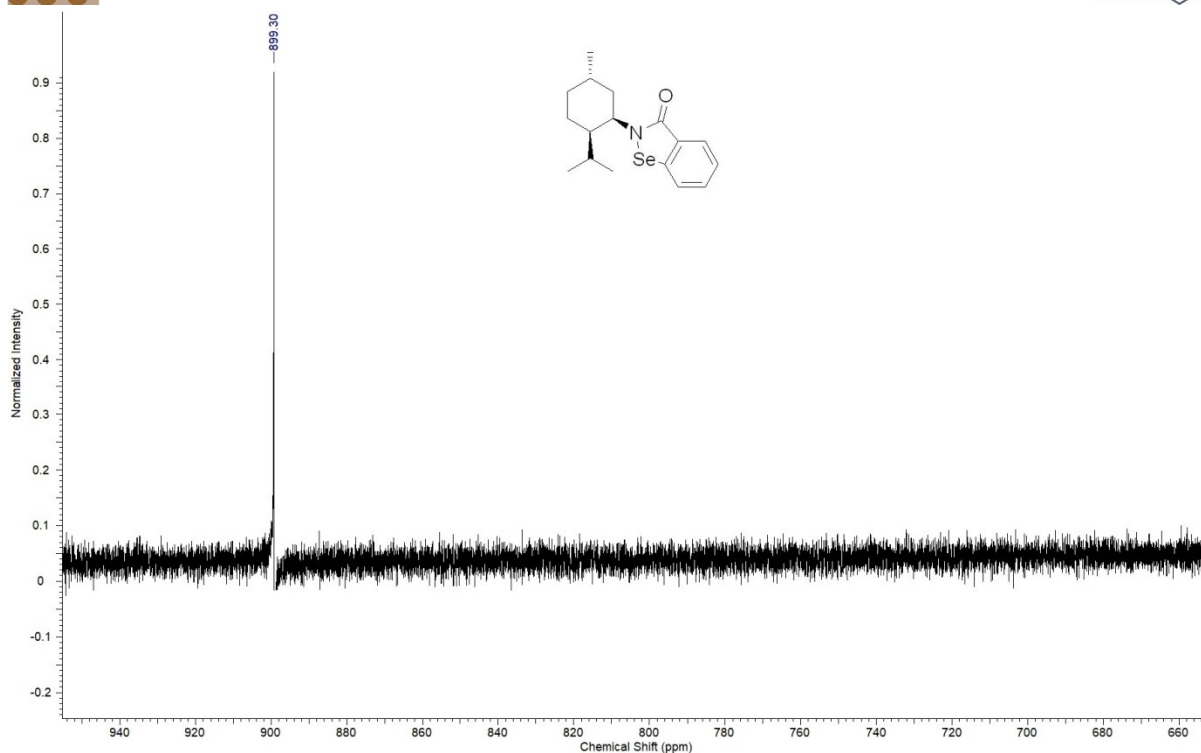
(b)



(c)

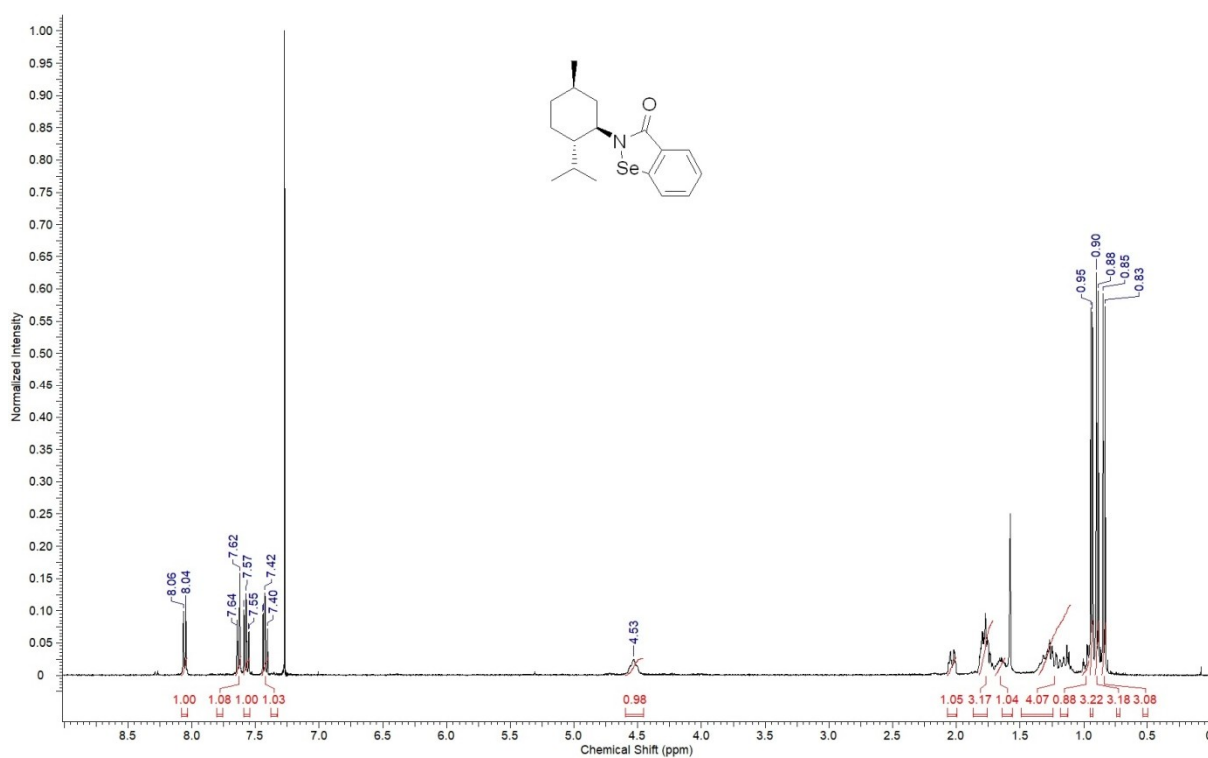
Figure S1. (a) ^1H NMR, (b) ^{13}C NMR, and (c) ^{77}Se NMR spectra of $(-)-N-(1S,2S,5R)$ -neomenthyl-1,2-benzisoselenazol-3(2H)-one **22**.



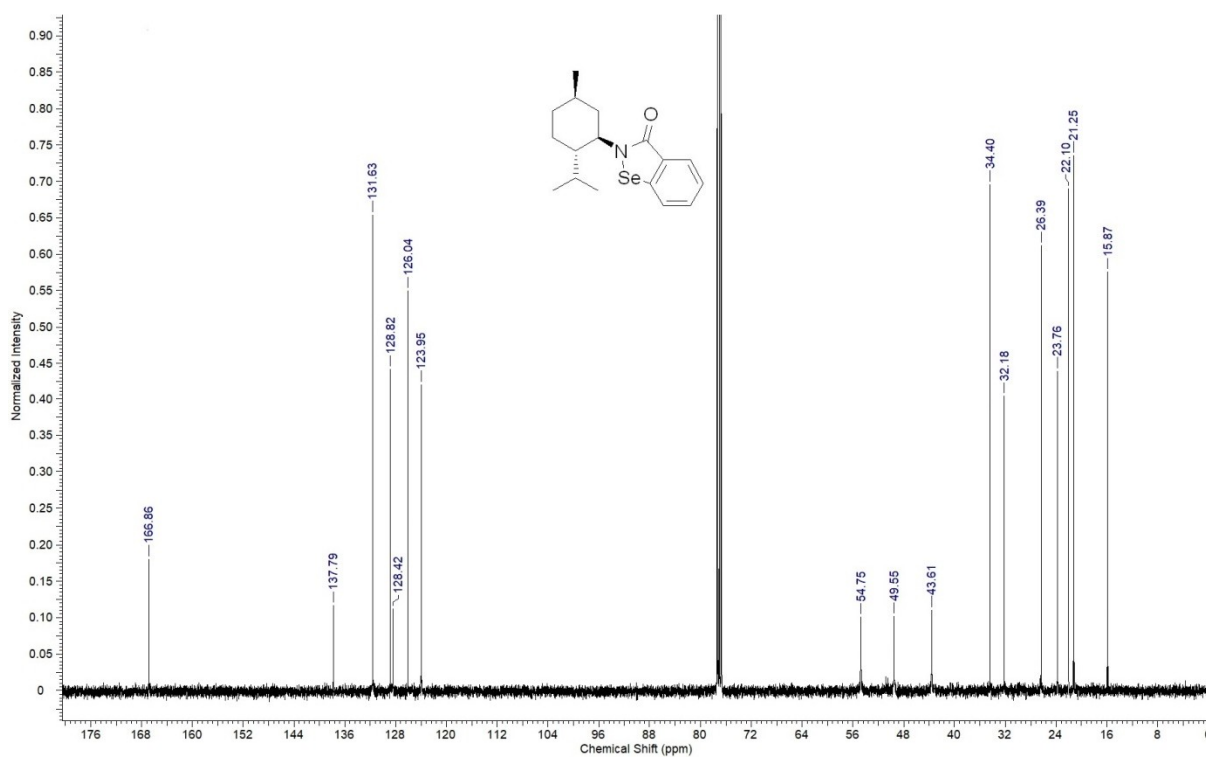


(c)

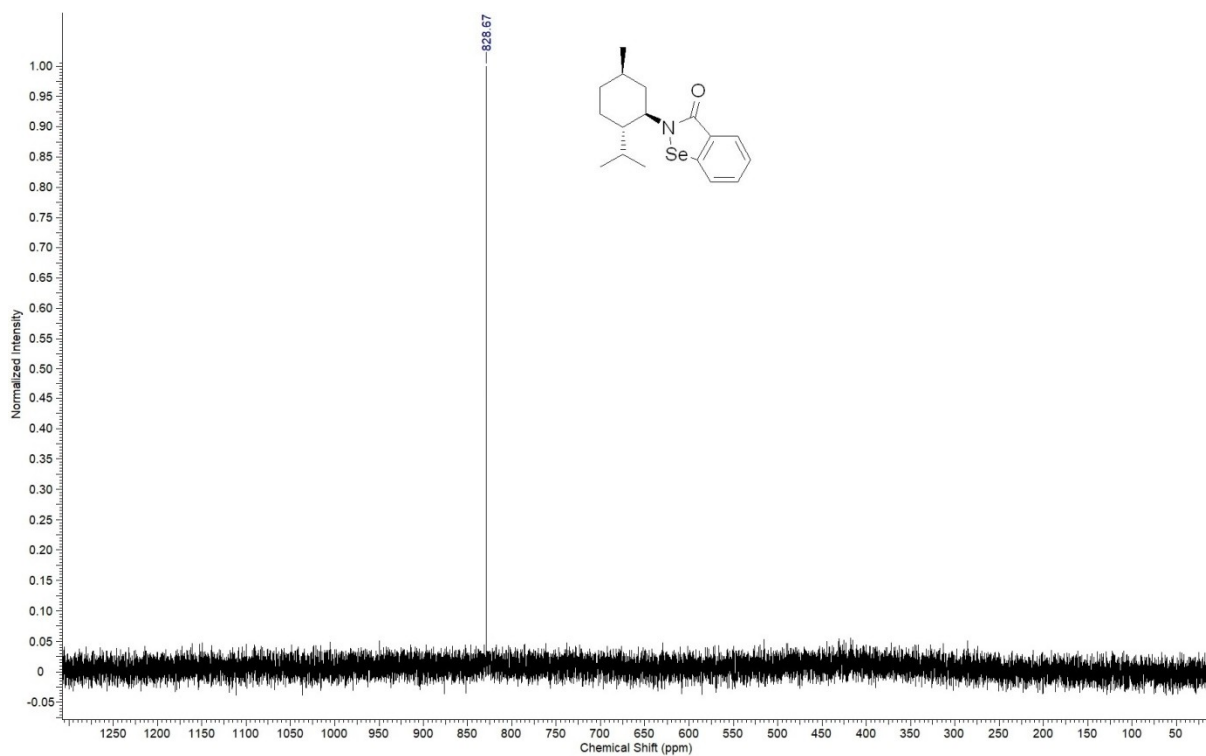
Figure S2. (a) ^1H NMR, (b) ^{13}C NMR, and (c) ^{77}Se NMR spectra of (+)-*N*-(1*R*,2*R*,5*S*)-neomenthyl-1,2-benzisoselenazol-3(2*H*)-one **23**.



(a)

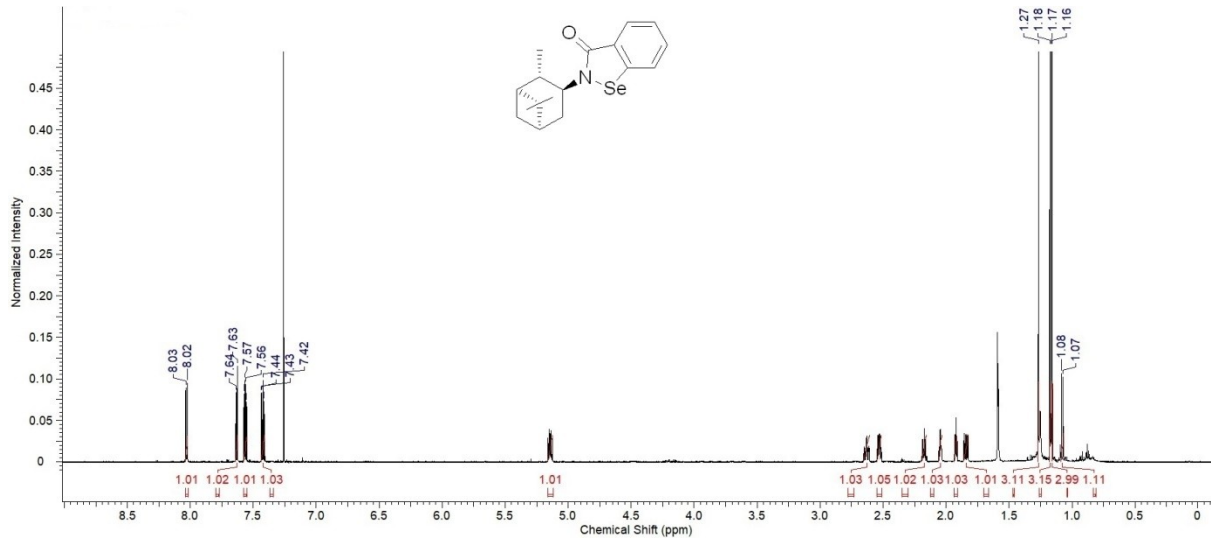


(b)

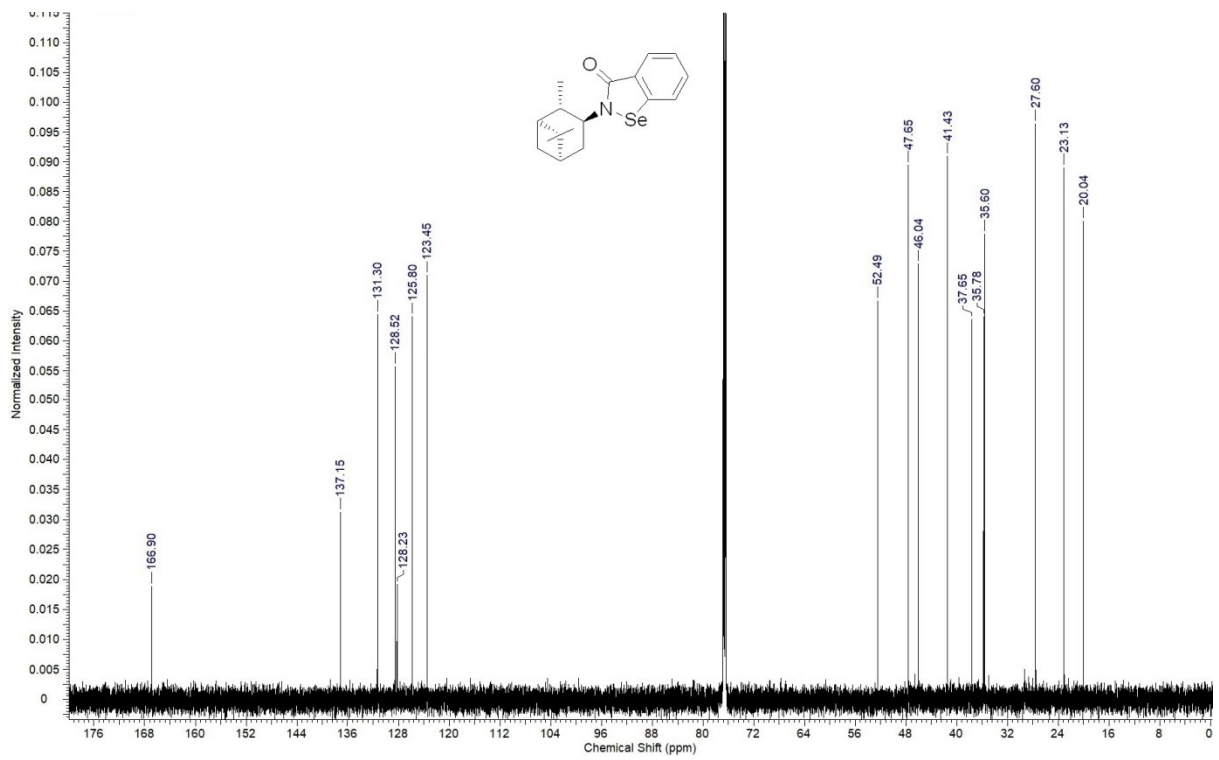


(c)

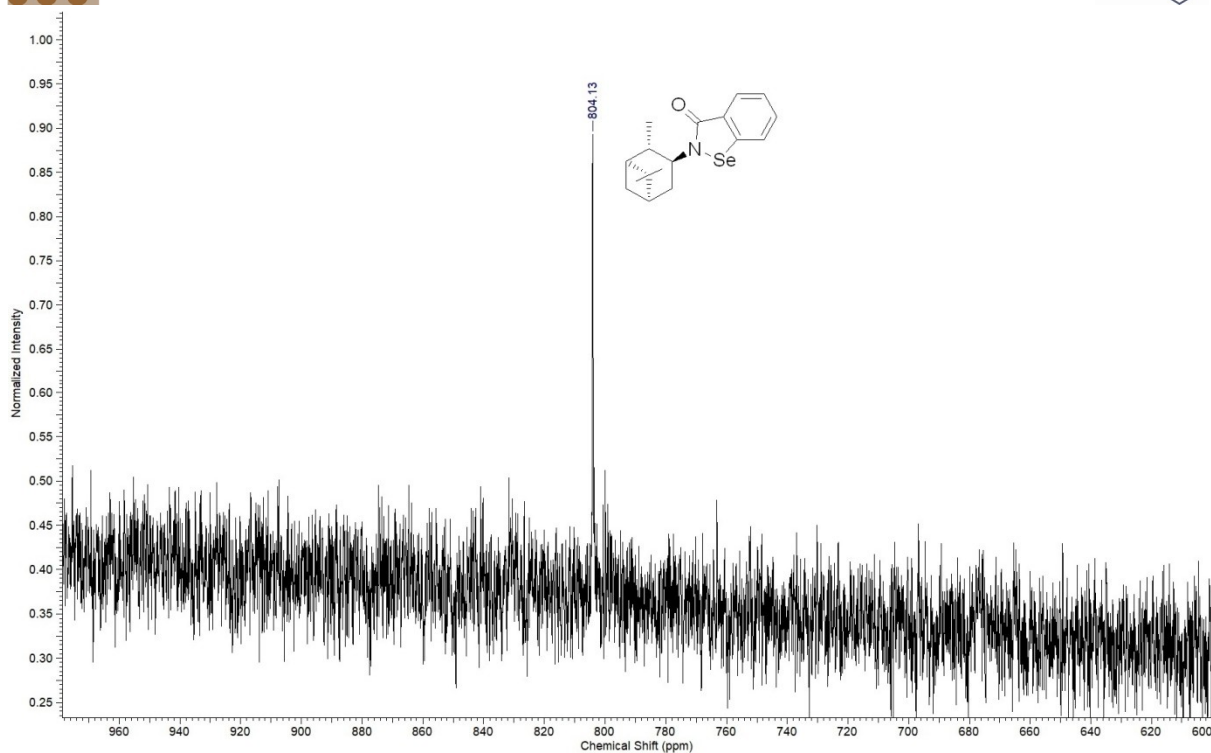
Figure S3. (a) ^1H NMR, (b) ^{13}C NMR, and (c) ^{77}Se NMR spectra of *(-)-N-(1R,2S,5R)*-menthyl-1,2-benzoselenazol-3(2H)-one **24**.



(a)

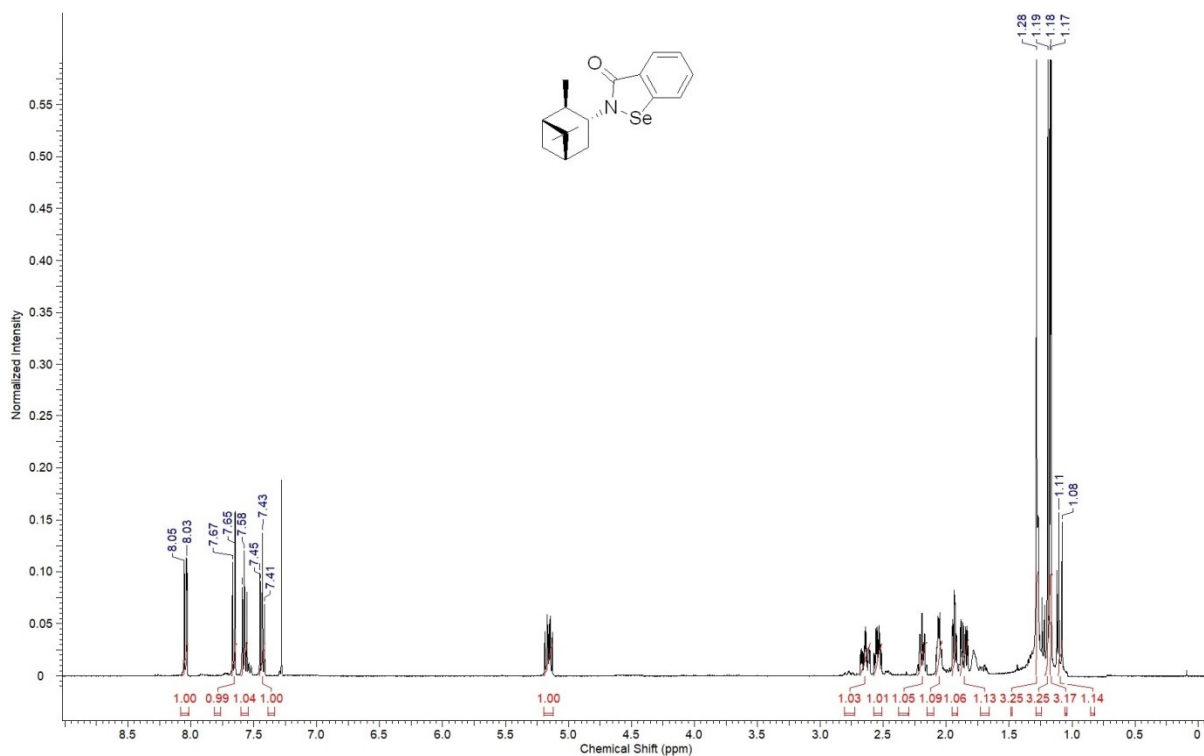


(b)

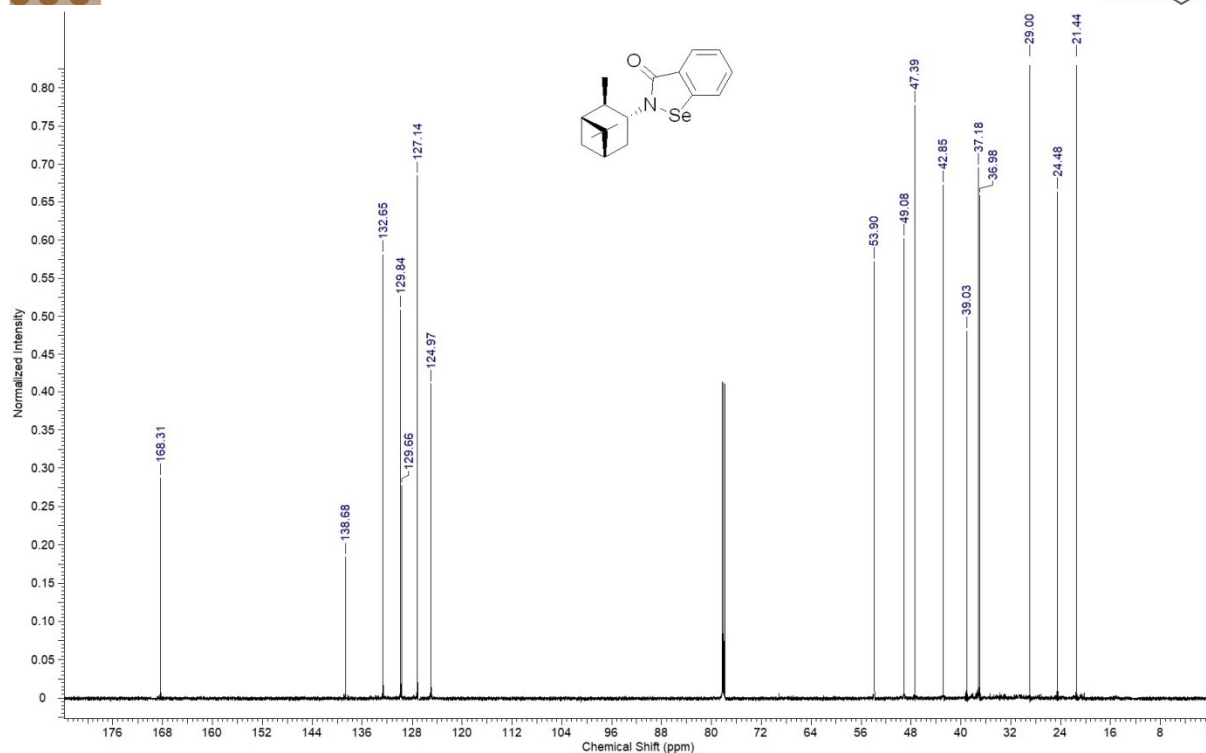


(c)

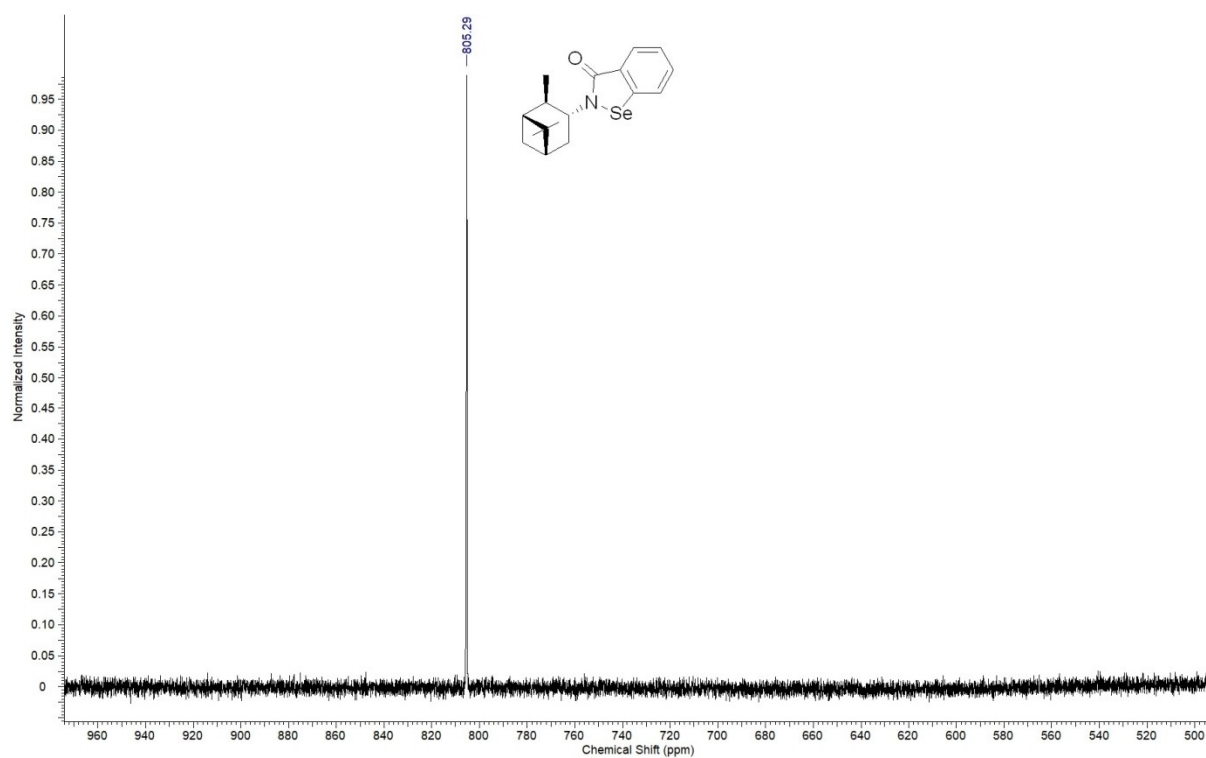
Figure S4. (a) ^1H NMR, (b) ^{13}C NMR, and (c) ^{77}Se NMR spectra (–)-*N*-(1*S*,2*S*,3*S*,5*R*)-isopinocampheyl-1,2-benzisoselenazol-3(2*H*)-one **25**.



(a)

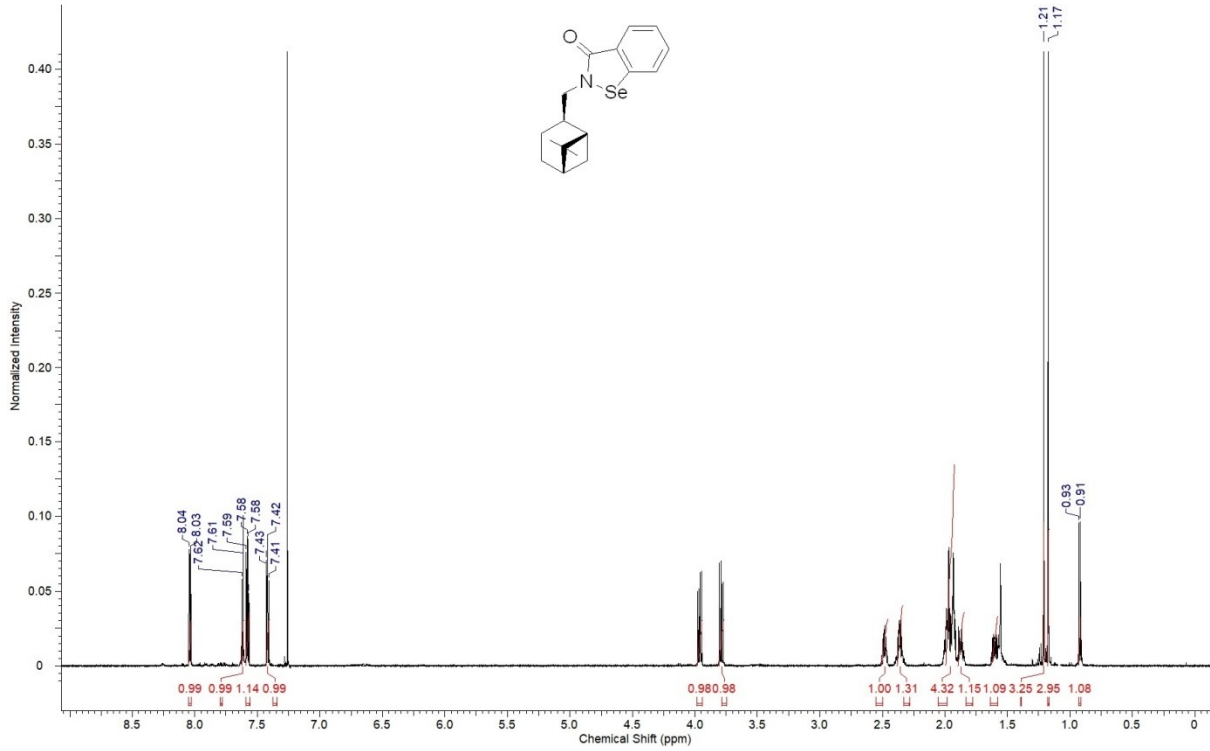


(b)

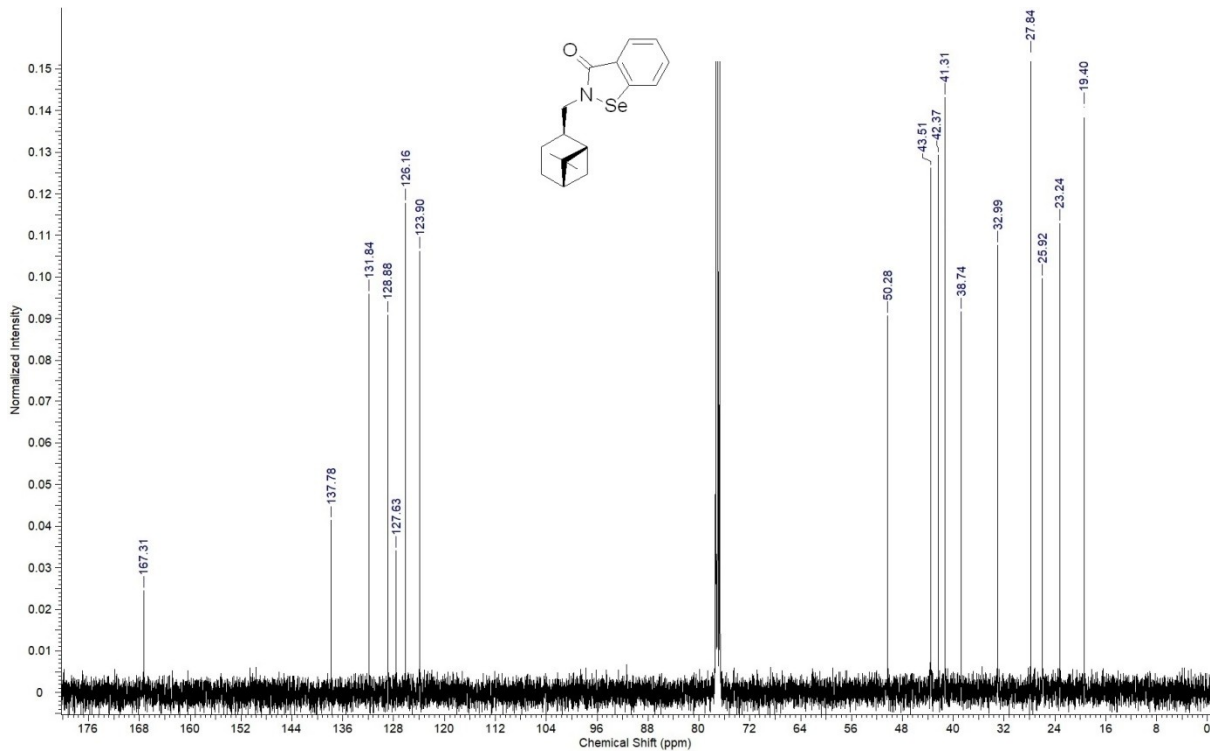


(c)

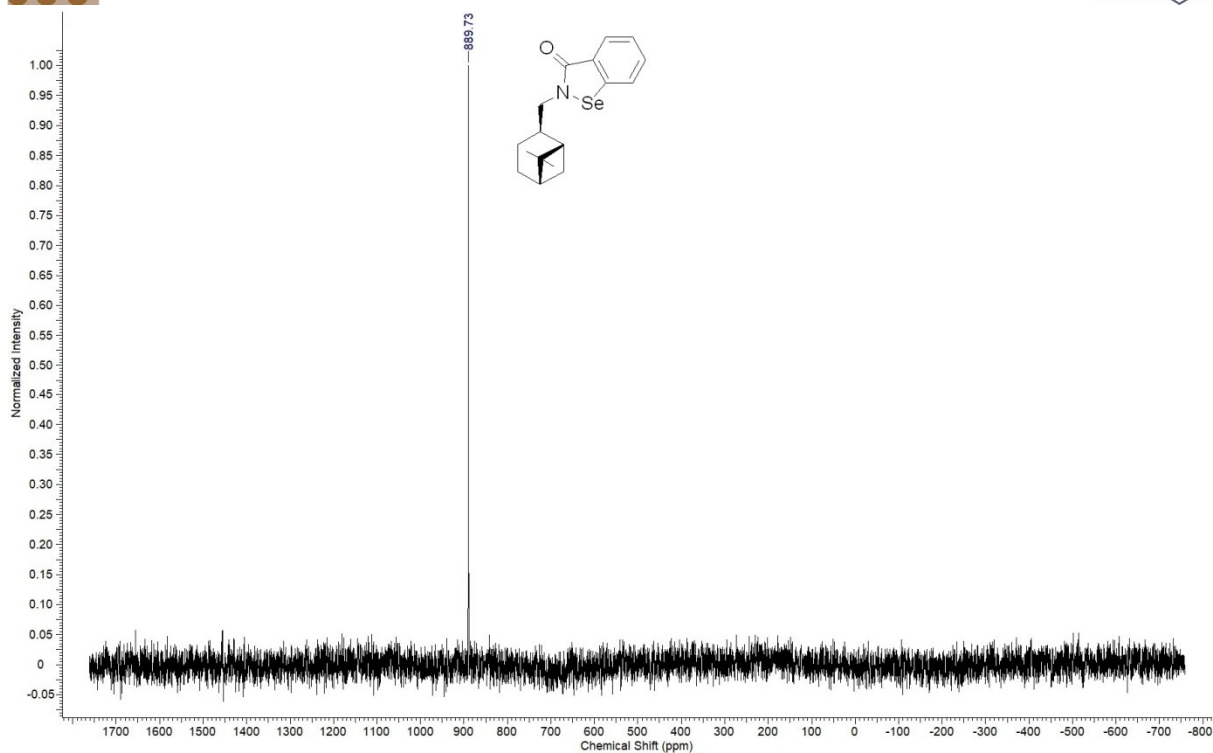
Figure S5. (a) ^1H NMR, (b) ^{13}C NMR, and (c) ^{77}Se NMR spectra (+)-*N*-(1*R*,2*R*,3*R*,5*S*)-isopinocampheyl-1,2-benzisoselenazol-3(2*H*)-one **26**.



(a)

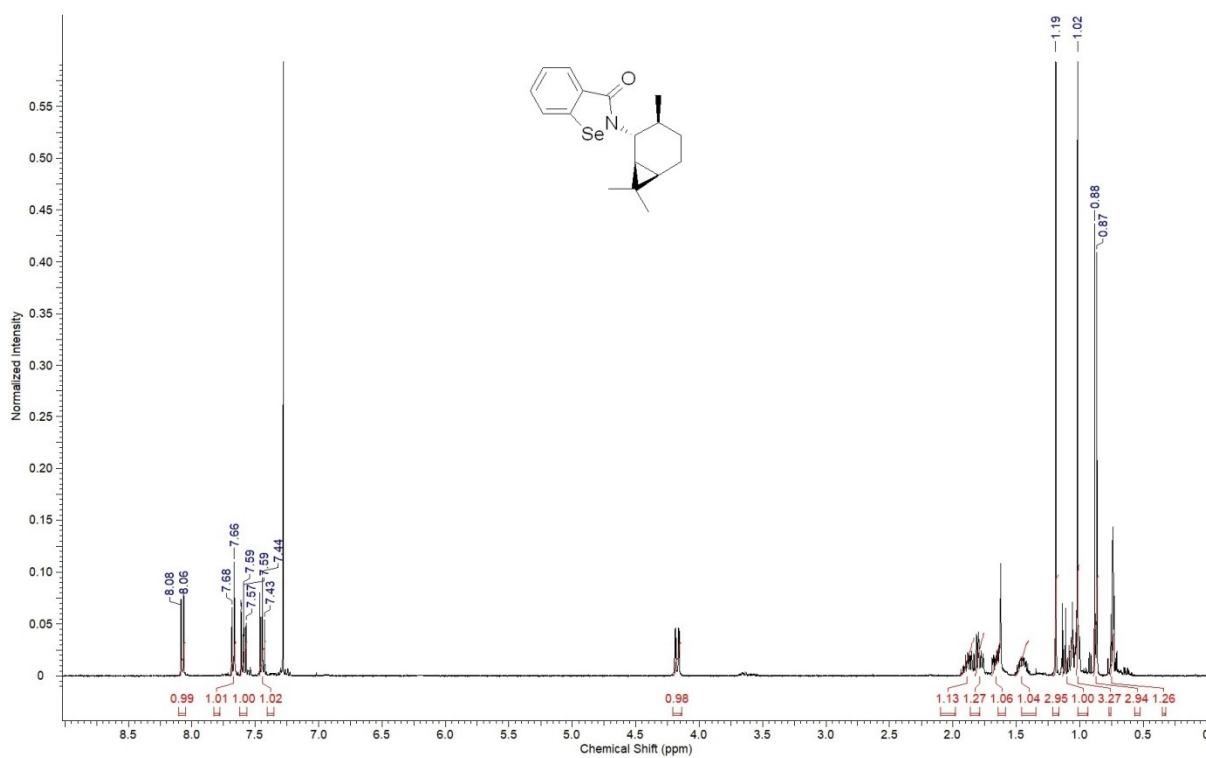


(b)

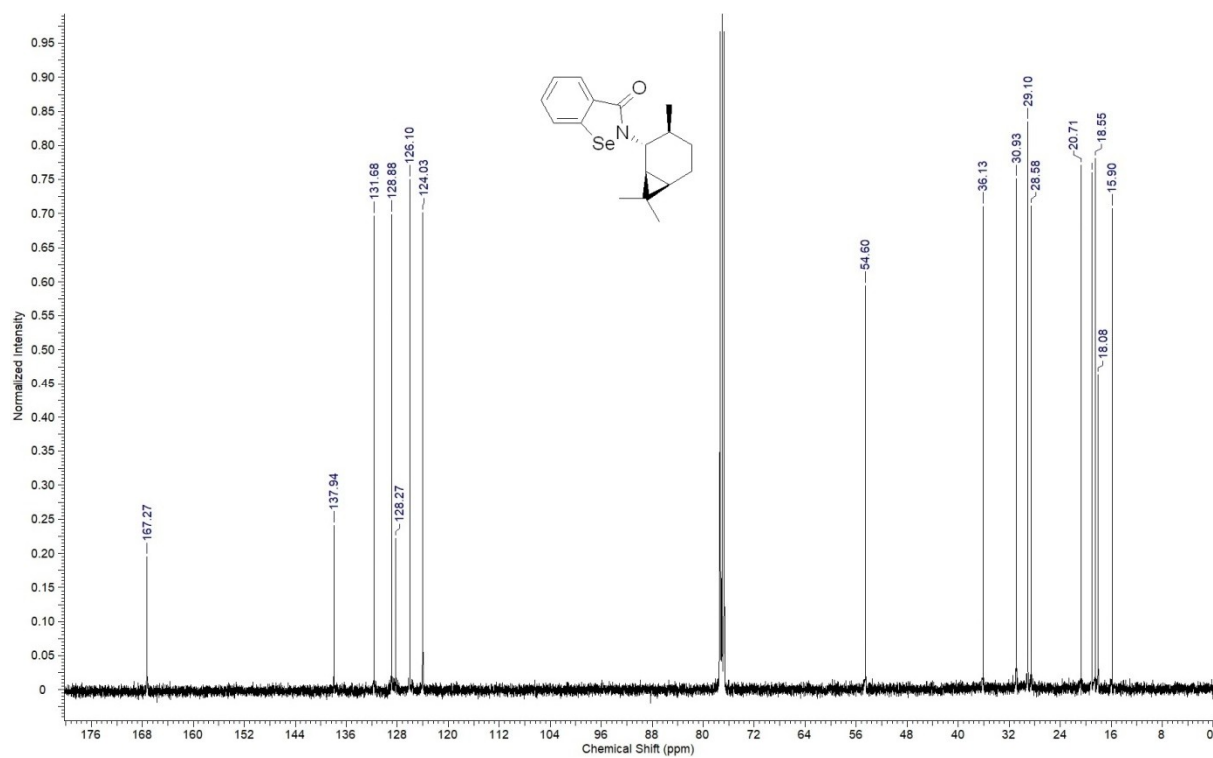


(c)

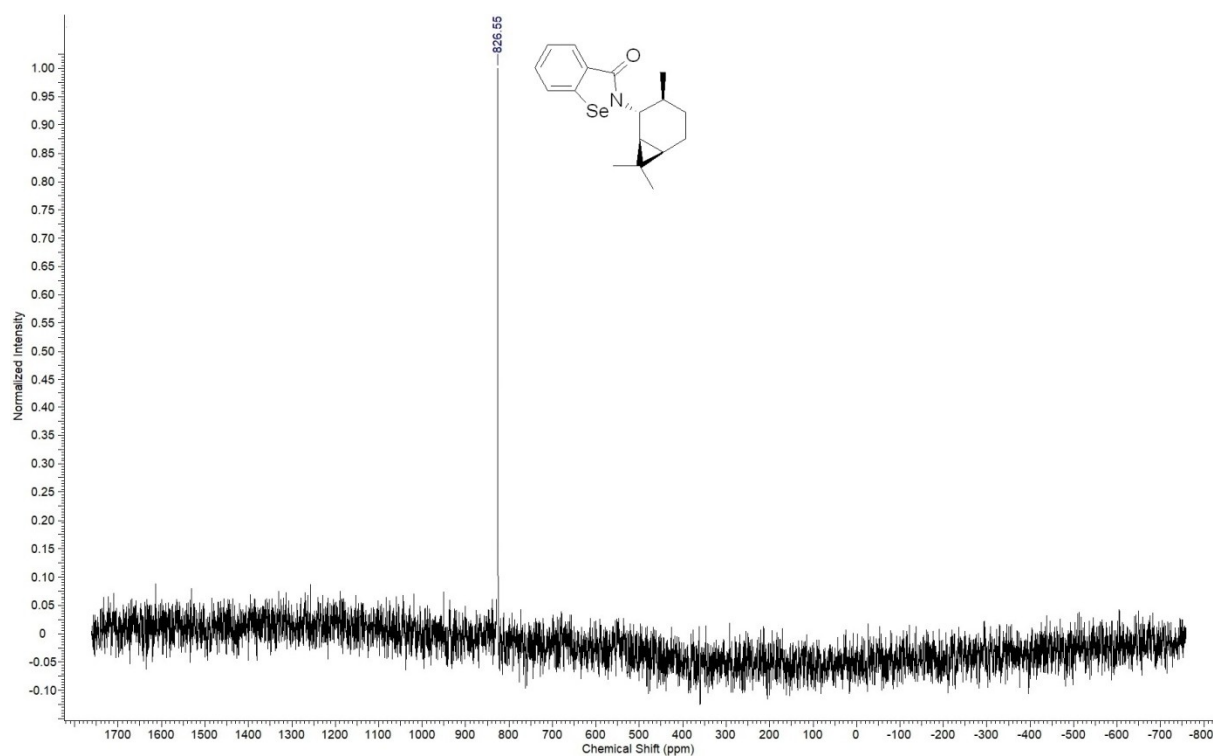
Figure S6. (a) ^1H NMR, (b) ^{13}C NMR, and (c) ^{77}Se NMR spectra of (-)-*N*-(1*S*,2*R*,5*S*)-myrtanyl-1,2-benzisoselenazol-3(2*H*)-one **27**.



(a)

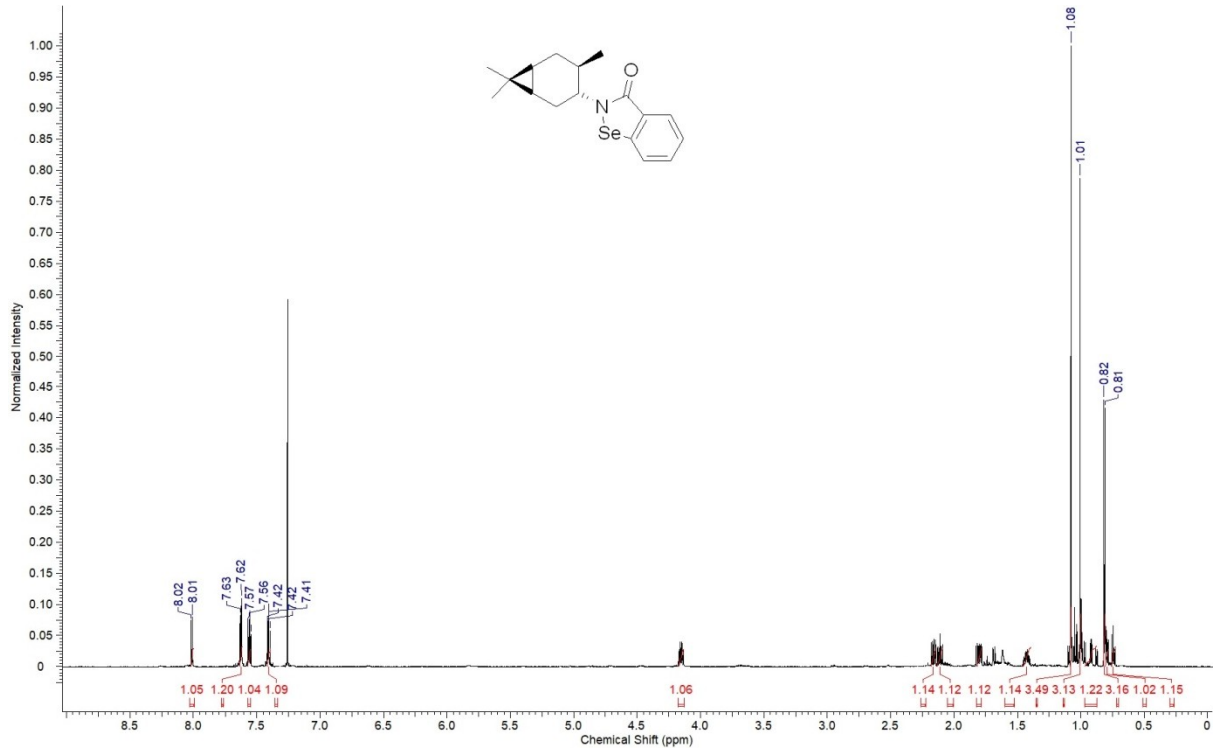


(b)

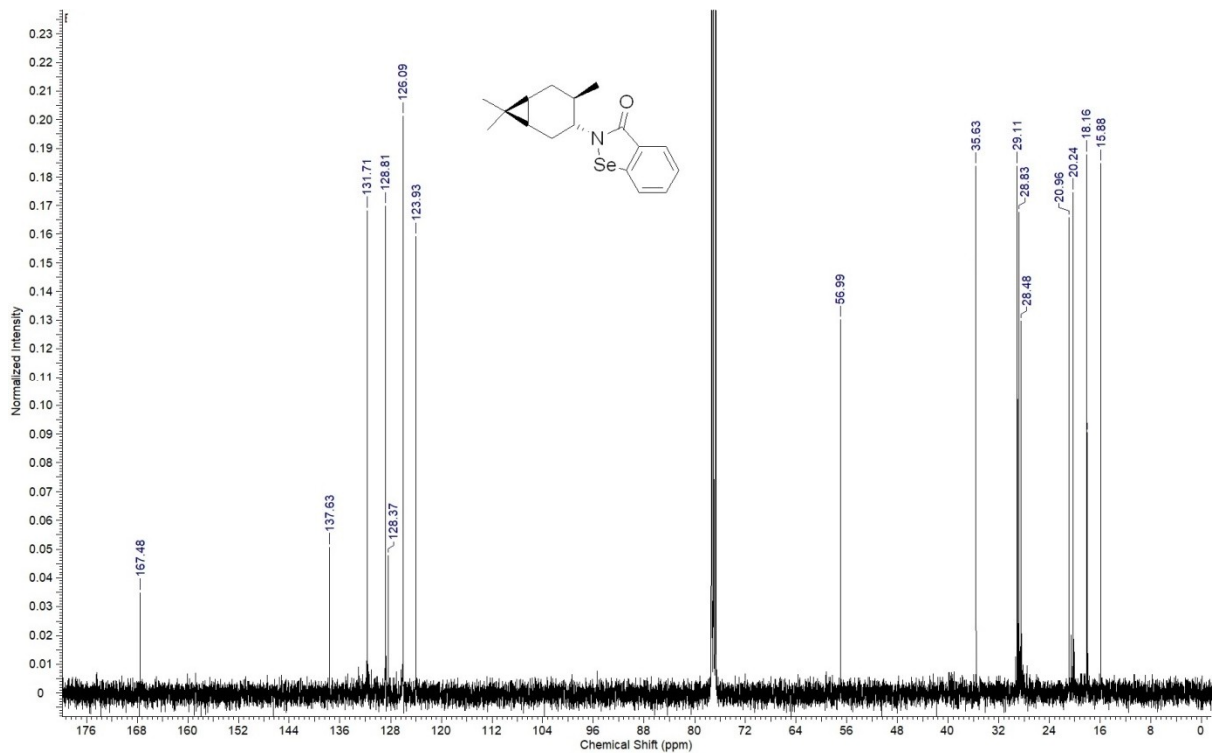


(c)

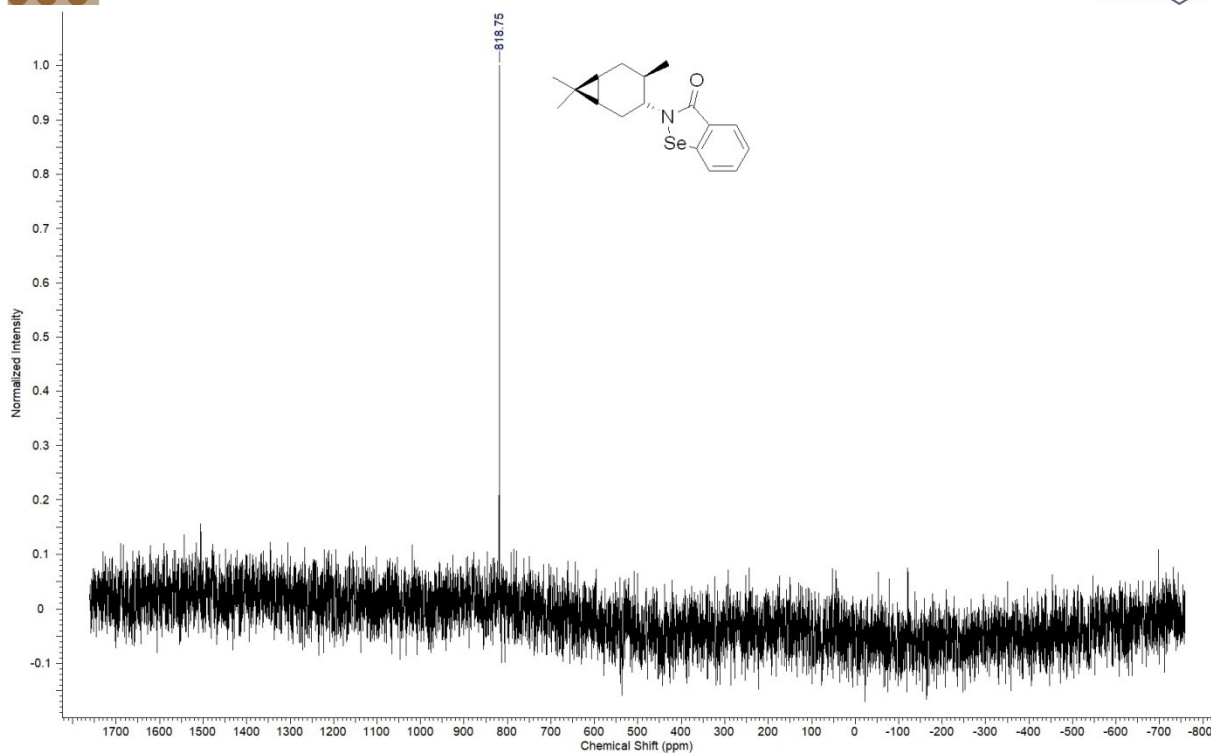
Figure S7. (a) ^1H NMR, (b) ^{13}C NMR, and (c) ^{77}Se NMR spectra of (-)-N-(1S,2R,3S,6R)-(2-isocaranyl)-1,2-benzisoselenazol-3(2H)-one **28**.



(a)



(b)



(c)

Figure S8. (a) ^1H NMR, (b) ^{13}C NMR, and (c) ^{77}Se NMR $\text{-}N\text{-}(1S,3R,4R,6R)\text{-}(4\text{-isocaranyl})\text{-}1,2\text{-benzisoselenazol-}3(2\text{H})\text{-one}$ **29**.



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