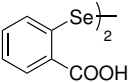


1. NaNO_2 , HCl

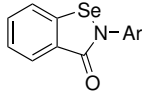
2. Na_2Se_2 , NaOH



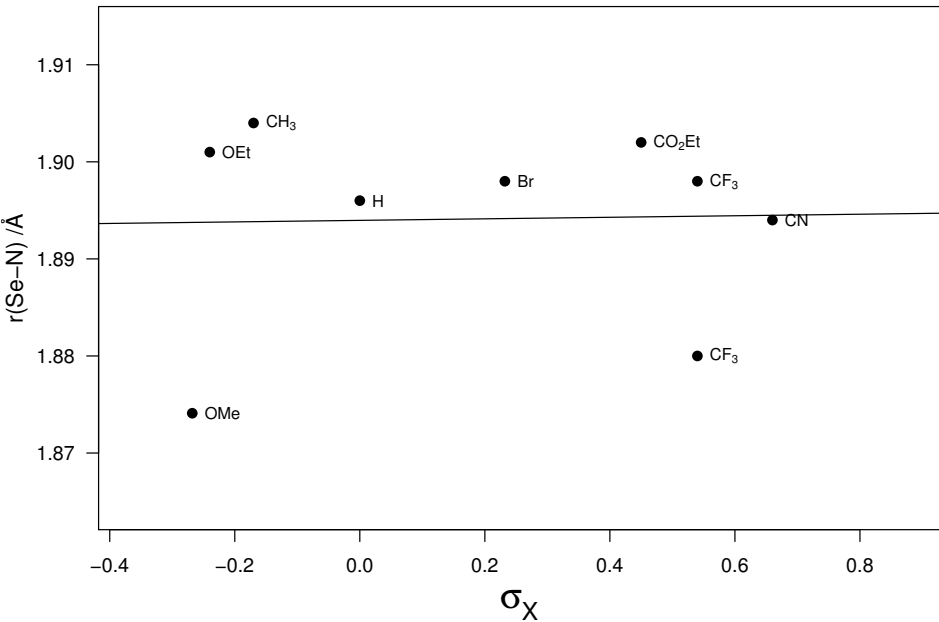
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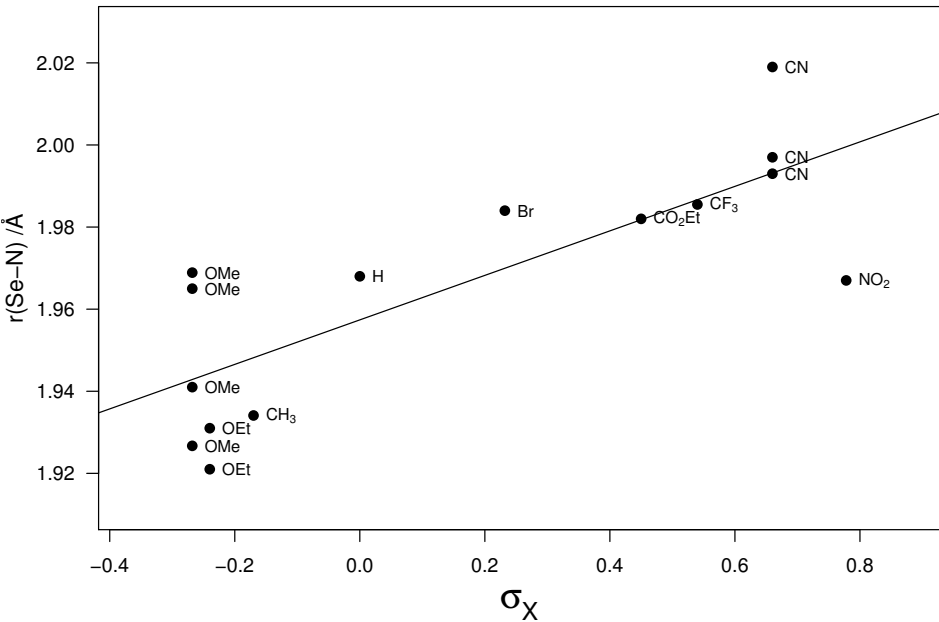
1. SOCl_2 , cat. DMF

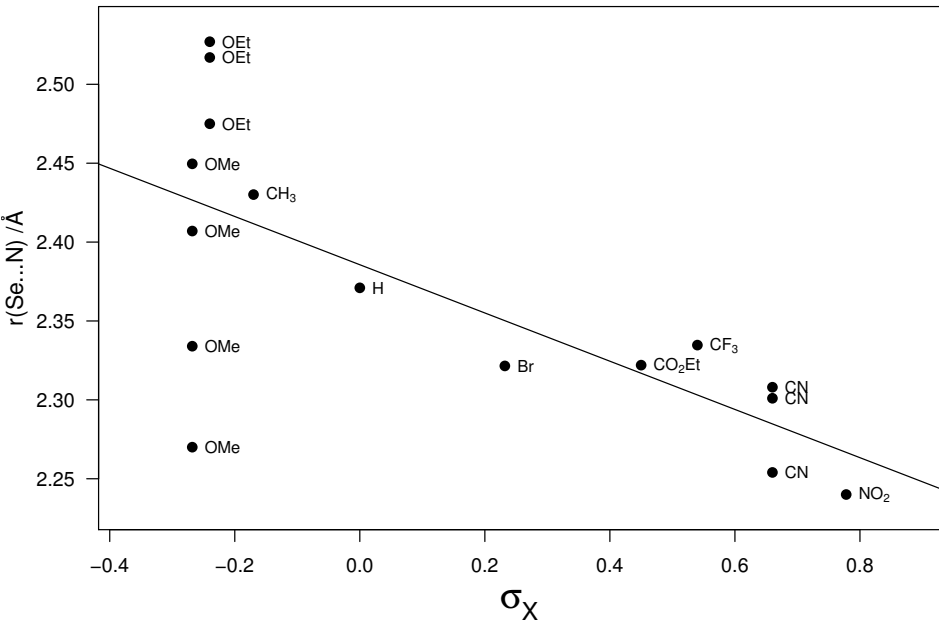
2. Ar-NH_2 , TEA

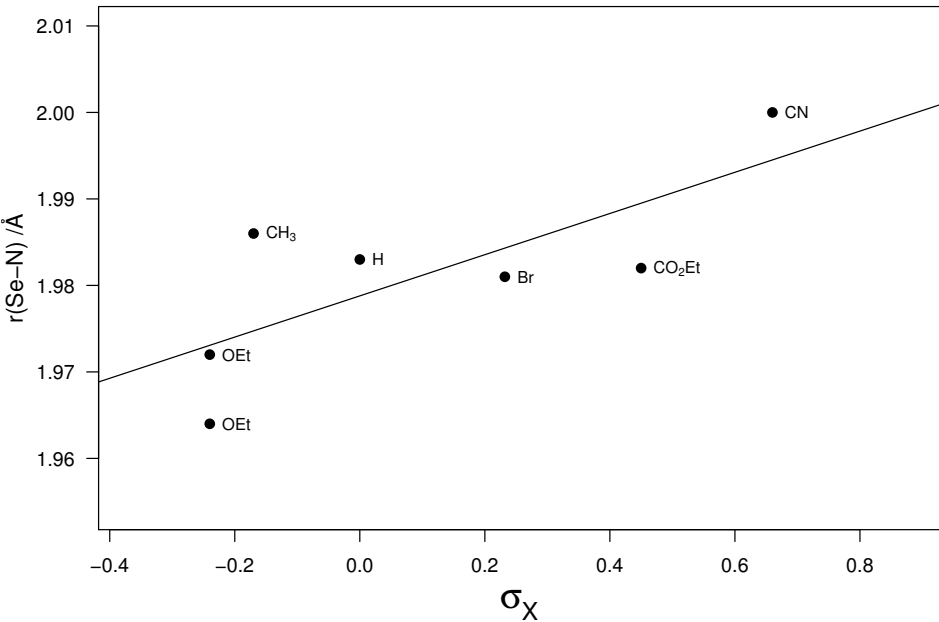


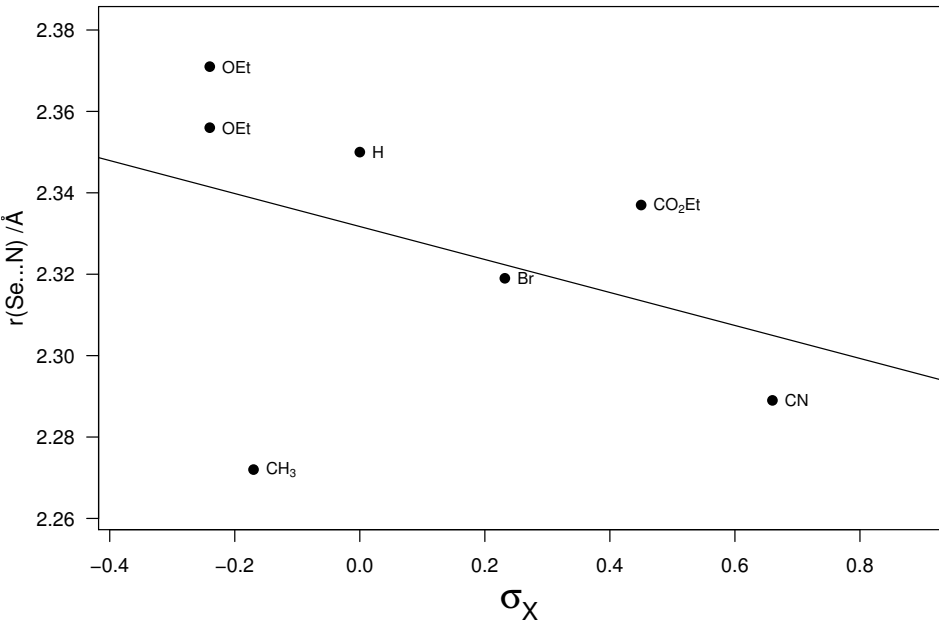
1 and 1NO₂-OE

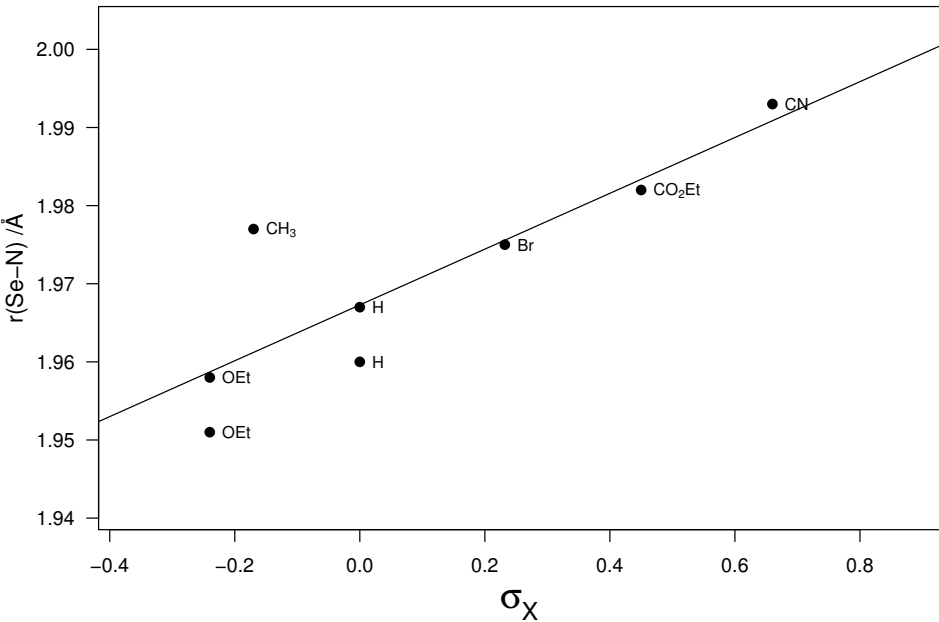


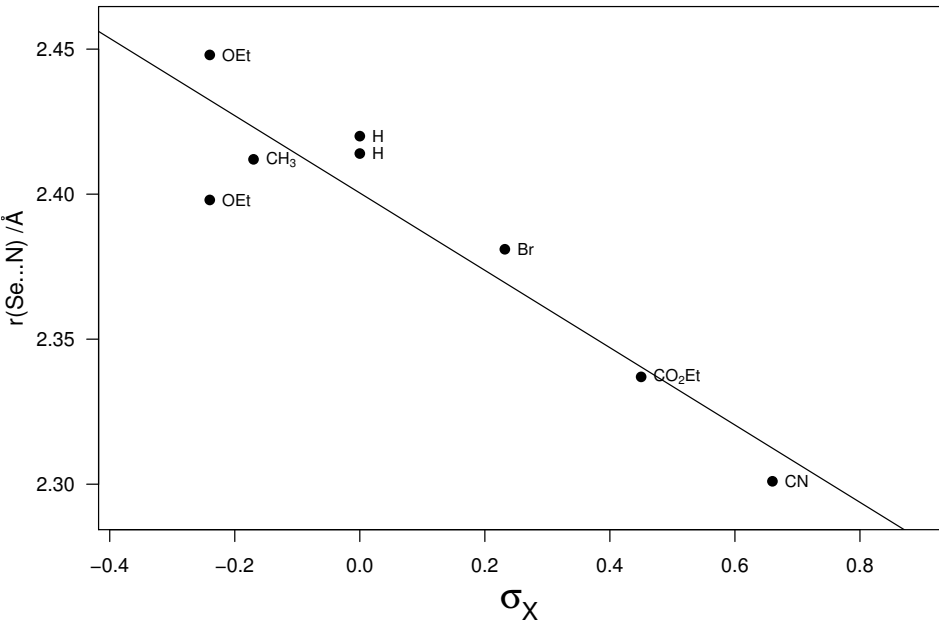


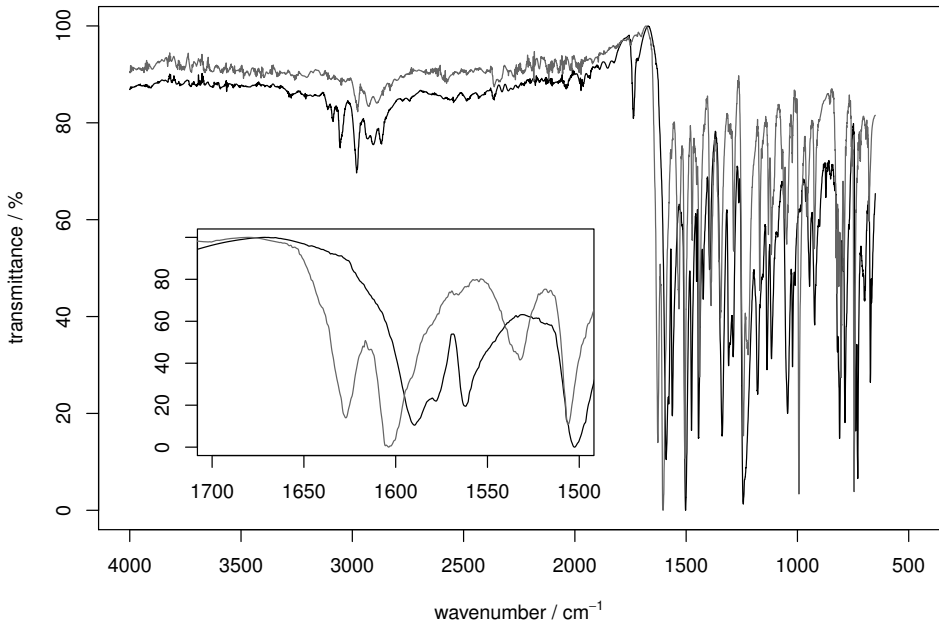


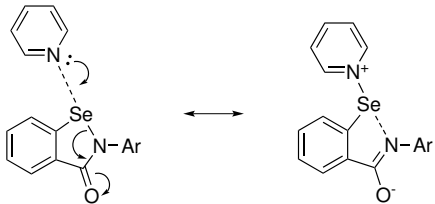


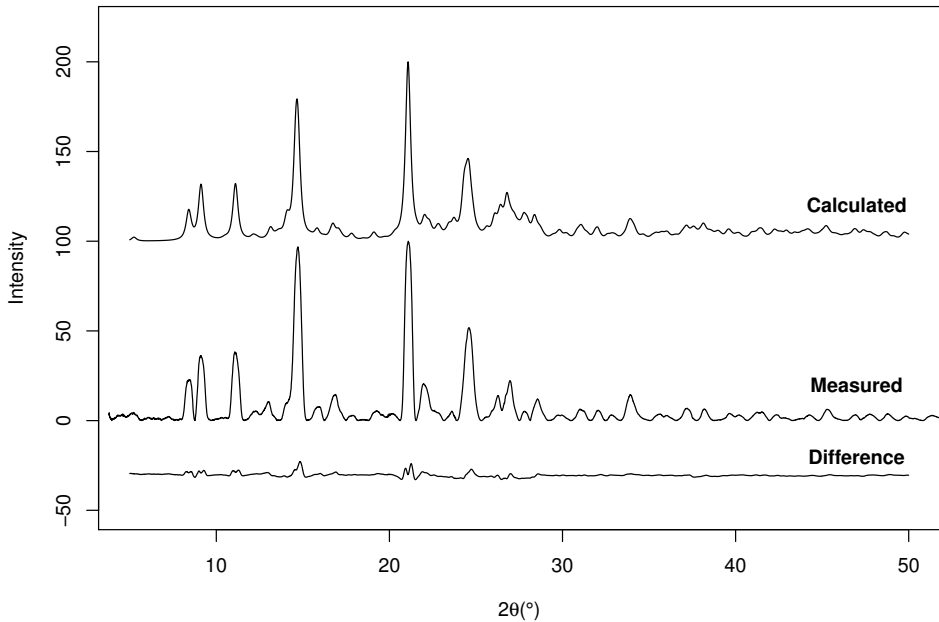


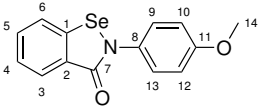
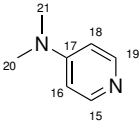


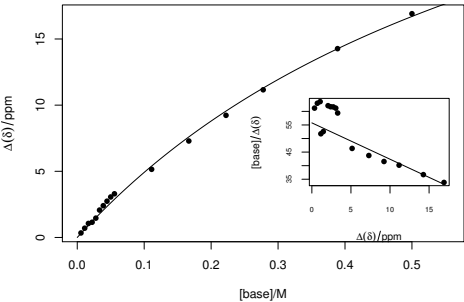


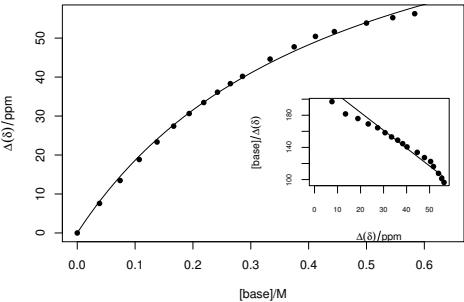


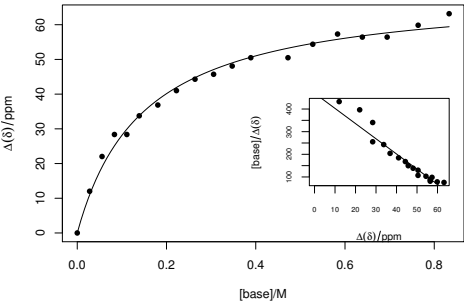


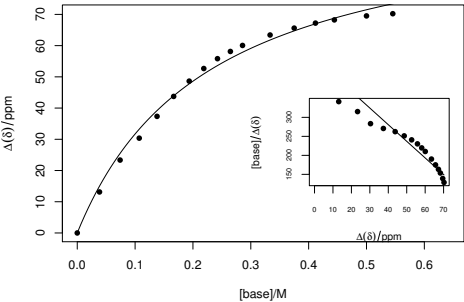


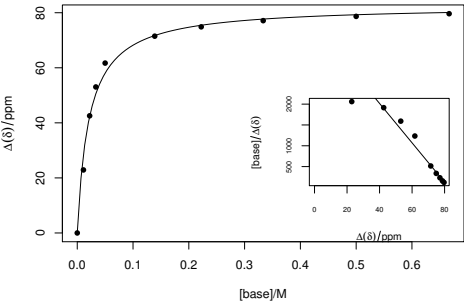


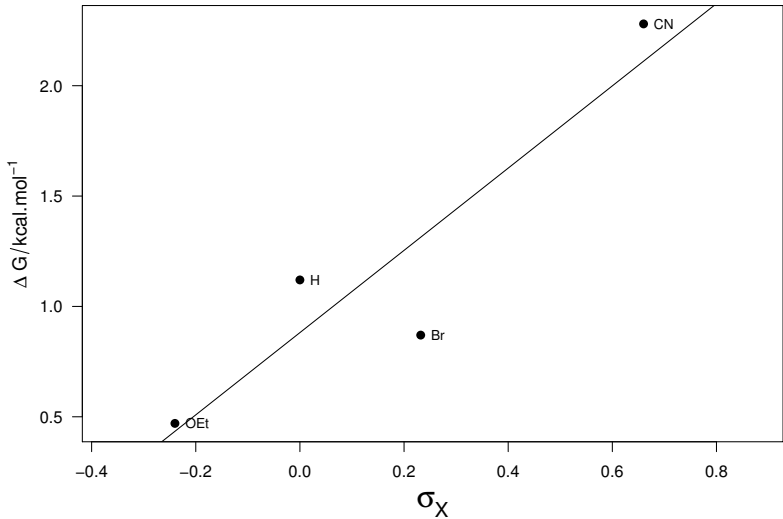


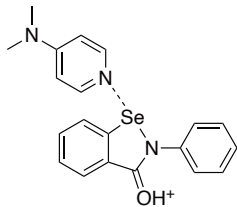






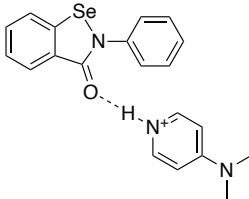




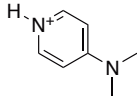


m/z: 398.08

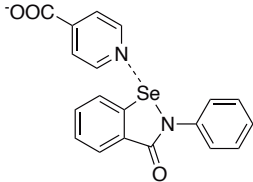
or



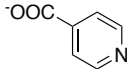
m/z: 398.08



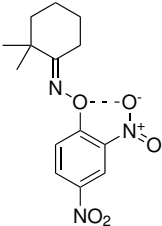
m/z: 123.09



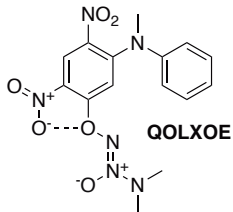
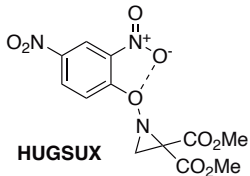
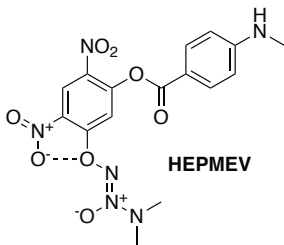
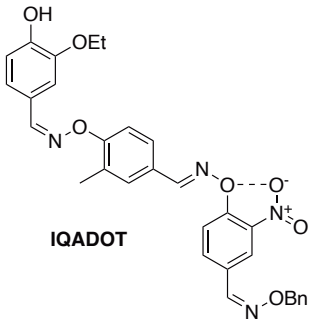
m/z: 397.01

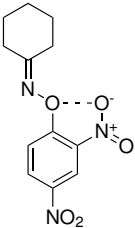


m/z: 122.02

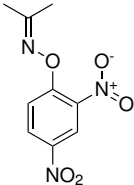


10

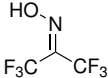
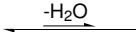
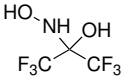


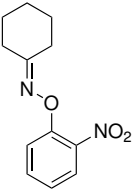


11

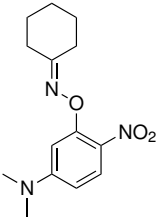


12

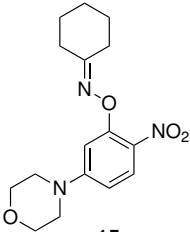




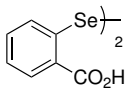
13



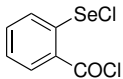
14



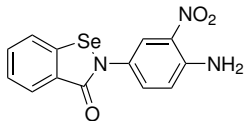
15



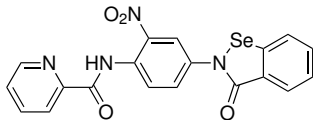
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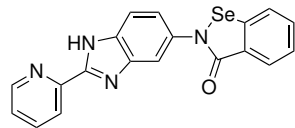
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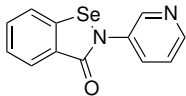
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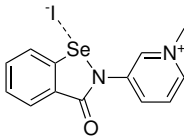
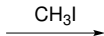
19



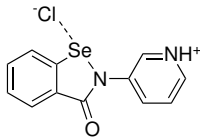
17



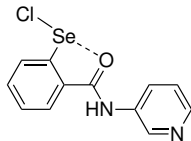
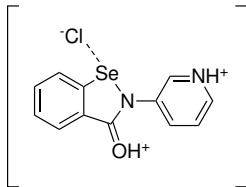
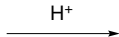
1d



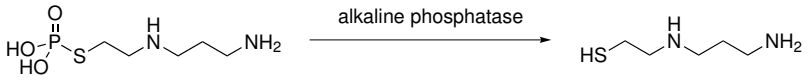
1e

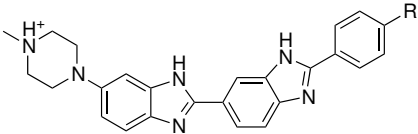


1f



21

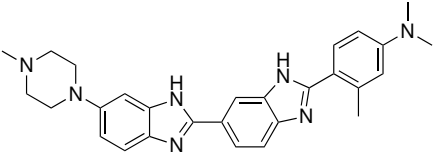


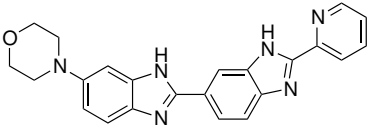


Hoechst 33258 R: OH

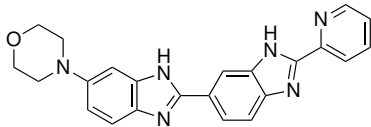
Hoechst 33342 R: OCH_2CH_3

Hoechst 34580 R: $\text{N}(\text{CH}_3)_2$

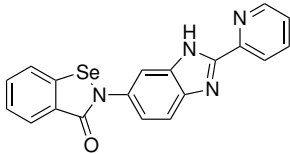




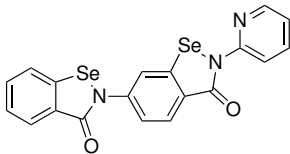
16



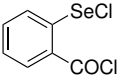
16



17

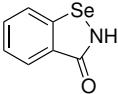


18

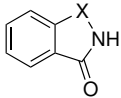


9

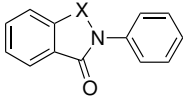
NH_3 (aq)



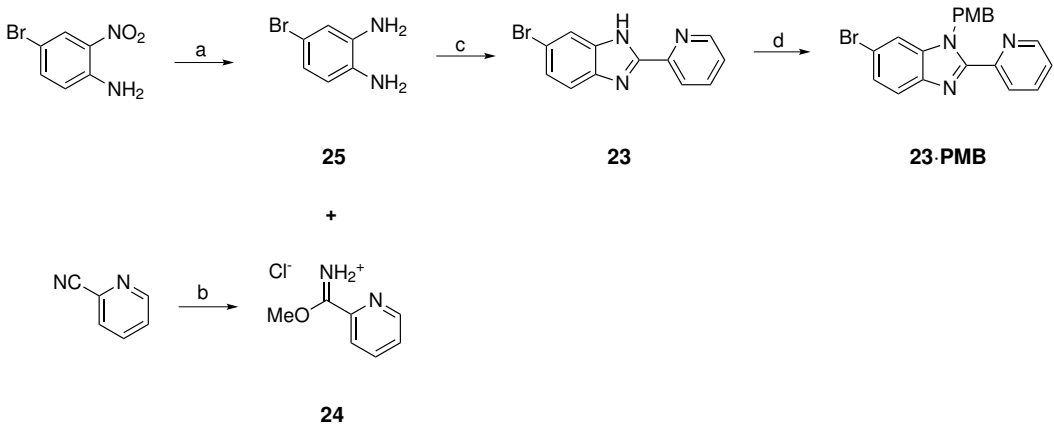
1b

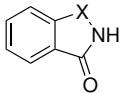


1b and 22a

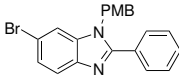


1 and 22b



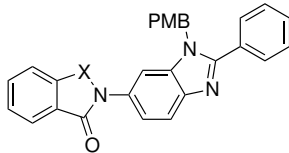


1b and **22a**

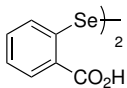


26-PMB

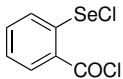
CuI, 1,10-phenanthroline,
K₂CO₃, DMF, 100°C



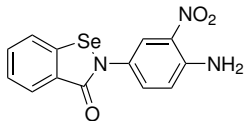
17-PMB and **27-PMB**



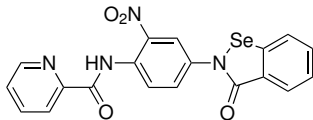
8



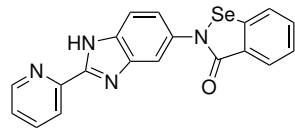
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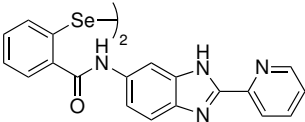
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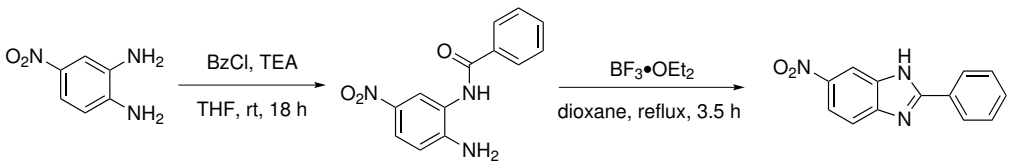
19



17

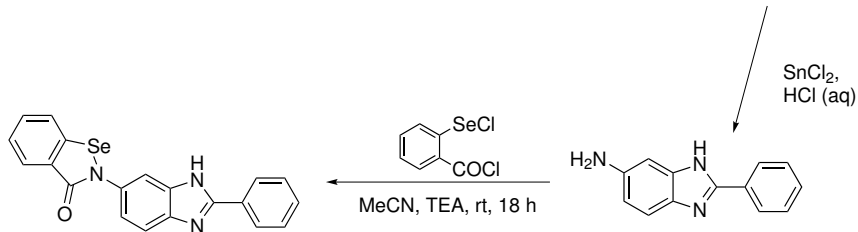


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29

30



17

31

