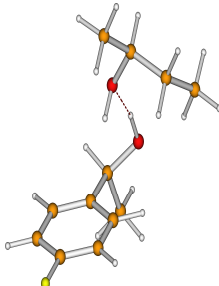
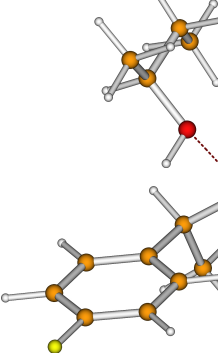
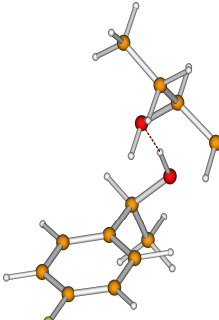
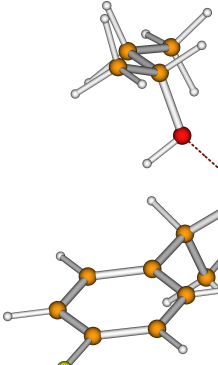
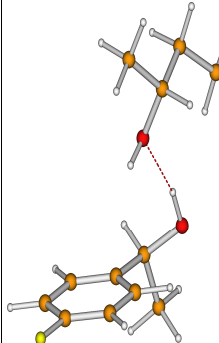
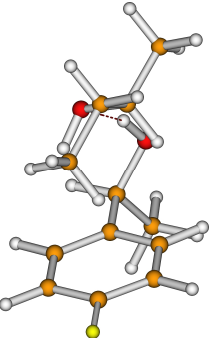
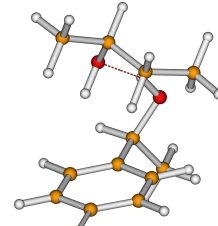
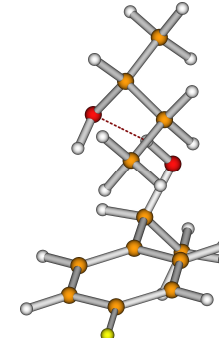
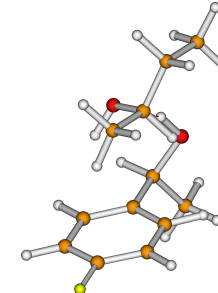
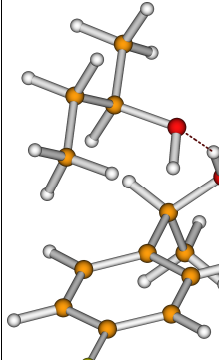
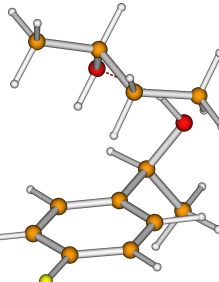
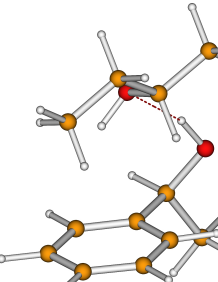
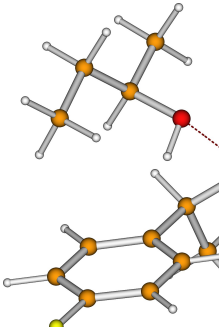
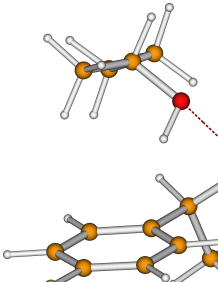
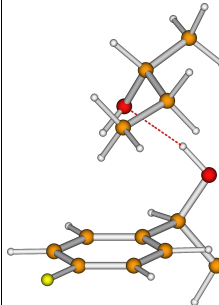
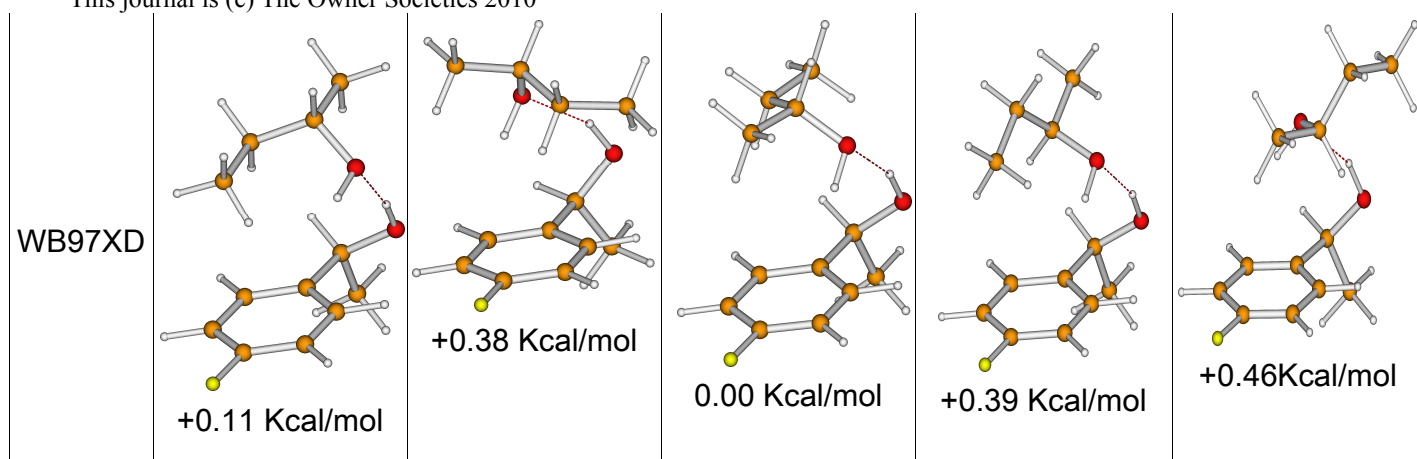


Structures of the most stable conformers of homochiral [FE_s-Bs] and heterochiral [FE_s-Bs] complexes and energies relative to the most stable adduct.

	Homochiral		Heterochiral		
	A _{homo}	B _{homo}	A _{hetero}	B _{hetero}	C _{hetero}
B3LYP	 +0.20 Kcal/mol	 0.00 Kcal/mol	 +0.30 Kcal/mol	 +0.46 Kcal/mol	 +0.63 Kcal/mol
D-B3LYP	 0.0 Kcal/mol	 +0.32 Kcal/mol	 +0.50 Kcal/mol	 +0.56 Kcal/mol	 +0.74 Kcal/mol
B97D	 +0.29 Kcal/mol	 +0.29 Kcal/mol	 0.00 Kcal/mol	 +0.56 Kcal/mol	 +0.89 Kcal/mol



ν_{OH} calculated vibrational frequencies for the S_0 ground state

	A _{homo}	B _{homo}	A _{hetero}	B _{hetero}	C _{hetero}
<i>B3LYP</i>	3623	3621	3617	3662	3651
<i>D-B3LYP</i>	3635	3602	3672	3659	3612
<i>B97D</i>	3517	3552	3558	3530	3553
<i>XB97XD</i>	3751	3664	3700	3714	3700
<i>exp</i>	3637		3610		

