	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S1	1.0922	1.1914	-0.0992	0.0000
S2	0.9632	1.0100	-0.0468	0.0007
S3	1.4885	1.5104	-0.0219	0.0007
S4	1.7079	1.7762	-0.0683	0.0031
S5	1.6964	1.4430	0.2534	0.0001
S6	1.4828	1.5168	-0.0340	0.0000
S7	1.8888	1.8307	0.0581	0.0008
S8	1.3933	1.3512	0.0421	0.0021
S9	1.5240	1.5840	-0.0600	0.0003
S10	2.0211	1.7698	0.2513	0.0008
S11	1.6594	1.7272	-0.0678	0.0035
S12	1.9580	2.0189	-0.0609	0.0021
S13	2.0119	2.0410	-0.0291	0.0050
S14	2.2092	2.2805	-0.0713	0.0058
S15	1.6455	1.5826	0.0629	0.0013
S16	2.0004	1.9248	0.0756	0.0003
S17	1.7927	1.8054	-0.0127	0.0017
S18	1.9918	2.0627	-0.0709	0.0002
S19	1.4681	1.3439	0.1242	0.0022
S20	1.5075	1.4814	0.0261	0.0081
S21	0.8354	0.8563	-0.0209	0.0006
S22	1.4350	1.2395	0.1955	0.0024
S23	1.8144	1.3716	0.4428	0.0004
S24	1.5931	1.4029	0.1902	0.0042
S25	1.8491	1.6703	0.1788	0.0035
S26	1.5919	1.5811	0.0108	0.0049
S27	1.8732	1.8023	0.0709	0.0104
S28	1.7323	1.3842	0.3481	0.0016
S29	2.0723	1.7002	0.3721	0.0022
S30	1.3806	1.3730	0.0076	0.0004
S31	1.6735	1.6283	0.0452	0.0048
S32	2.1267	1.7827	0.3440	0.0003
S33	1.9809	1.8307	0.1502	0.0045
S34	1.4742	1.4204	0.0538	0.0007
S35	2.3747	1.8353	0.5394	0.0005
S36	2.2258	1.8858	0.3400	0.0014
S37	1.7288	1.7300	-0.0012	0.0035
S38	2.1382	1.9490	0.1892	0.0031
S39	2.1152	2.0361	0.0791	0.0080
S40	1.3793	1.3979	-0.0186	0.0002
S41	1.7229	1.6725	0.0504	0.0022
S42	2.0562	1.8382	0.2180	0.0021
S43	1.9803	1.9315	0.0488	0.0007
S44	1.6421	1.7417	-0.0996	0.0001
S45	1.5225	1.4972	0.0253	0.0019
S46	2.2642	2.1562	0.1080	0.0000

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S47	1.9986	2.0681	-0.0695	0.0008
S48	1.8314	1.7871	0.0443	0.0008
S49	1.9099	1.8827	0.0272	0.0026
S50	1.9288	1.8752	0.0536	0.0036
S51	2.3413	2.3661	-0.0248	0.0020
S52	2.2514	2.3293	-0.0779	0.0034
S53	2.5258	2.6307	-0.1049	0.0022
S54	2.4586	2.2925	0.1661	0.0008
S55	2.0355	2.0471	-0.0116	0.0021
S56	2.3368	2.3674	-0.0306	0.0003
S57	2.1744	1.6966	0.4778	0.0018
S58	1.2448	1.1956	0.0492	0.0024
S59	1.6875	1.5223	0.1652	0.0054
S60	2.4345	2.1085	0.3260	0.0005
S61	2.3562	2.1998	0.1564	0.0060
S62	2.6983	2.1734	0.5249	0.0001
S63	1.9505	1.7259	0.2246	0.0014
S64	2.3476	2.0750	0.2726	0.0036
S65	1.9305	1.9523	-0.0218	0.0048
S66	1.8192	1.6875	0.1317	0.0004
S67	1.8466	1.8036	0.0430	0.0027
S68	2.1797	2.1089	0.0708	0.0027
S69	2.2565	2.2738	-0.0173	0.0073
S70	2.4370	2.1766	0.2604	0.0020
S71	1.8081	1.8450	-0.0369	0.0001
S72	2.1190	2.1201	-0.0011	0.0028
S73	2.2030	2.3216	-0.1186	0.0001
S74	2.0605	2.0842	-0.0237	0.0014
S75	1.4647	1.4241	0.0406	0.0056
S76	2.0819	1.7859	0.2960	0.0074
S77	2.1138	2.0788	0.0350	0.0085
S78	1.9296	1.8023	0.1273	0.0028
S79	1.9126	1.8724	0.0402	0.0040
S80	2.6188	2.2785	0.3403	0.0025
S81	2.4773	2.4151	0.0622	0.0052
S82	1.8663	1.9129	-0.0466	0.0010
S83	2.4279	2.3168	0.1111	0.0004
S84	2.7912	2.9712	-0.1800	0.0000
S85	2.5278	2.4550	0.0728	0.0046
S86	1.8539	1.7382	0.1157	0.0106
S87	2.2973	2.1805	0.1168	0.0067
S88	2.2883	2.2550	0.0333	0.0035
S89	0.7046	0.7148	-0.0102	0.0000
S90	1.8967	1.3456	0.5511	0.0014
S91	1.2215	1.1815	0.0400	0.0018
S92	2.4720	1.7992	0.6728	0.0019

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S93	1.2420	1.2348	0.0072	0.0005
S94	2.0754	1.7146	0.3608	0.0002
S95	2.0849	1.7307	0.3542	0.0051
S96	1.6769	1.6944	-0.0175	0.0004
S97	1.1370	1.1170	0.0200	0.0006
S98	3.0117	2.2980	0.7137	0.0000
S99	2.0390	1.6319	0.4071	0.0042
S100	1.5911	1.6070	-0.0159	0.0005
S101	2.7368	2.2458	0.4910	0.0026
S102	1.6669	1.6400	0.0269	0.0025
S103	2.4208	2.1868	0.2340	0.0022
S104	2.0571	2.1592	-0.1021	0.0000
S105	1.1480	1.2510	-0.1030	0.0000
S106	1.1668	1.2224	-0.0556	0.0000
S107	1.3943	1.4766	-0.0823	0.0028
S108	1.2561	1.1553	0.1008	0.0005
S109	1.3463	1.4381	-0.0918	0.0019
S110	1.2568	1.1224	0.1344	0.0006
S111	1.2494	1.3577	-0.1083	0.0007
S112	1.1078	1.1159	-0.0081	0.0003
S113	1.1887	1.2960	-0.1073	0.0001
S114	1.0824	1.1336	-0.0512	0.0003
S115	1.1383	1.2417	-0.1034	0.0000
S116	1.0656	1.1568	-0.0912	0.0001
S117	1.1222	1.2214	-0.0992	0.0000
S118	1.0738	1.1690	-0.0952	0.0001
S119	1.4391	1.5032	-0.0641	0.0038
S120	1.0972	1.1434	-0.0462	0.0001
S121	1.0792	1.1337	-0.0545	0.0005
S122	1.1228	1.2150	-0.0922	0.0004
S123	0.9522	0.9427	0.0095	0.0009
S124	1.4169	1.4692	-0.0523	0.0005
S125	1.0027	1.0773	-0.0746	0.0003
S126	1.1670	1.2535	-0.0865	0.0005
S127	1.0493	1.1319	-0.0826	0.0002
S128	1.1401	1.2335	-0.0934	0.0004
S129	0.9680	1.0098	-0.0418	0.0005
S130	1.2734	1.3359	-0.0625	0.0003
S131	1.4300	1.4998	-0.0698	0.0037
S132	1.0653	1.1568	-0.0915	0.0000
S133	0.9273	0.9560	-0.0287	0.0006
S134	1.3979	1.4434	-0.0455	0.0005
S135	1.0923	1.1580	-0.0657	0.0000
S136	1.1756	1.2738	-0.0982	0.0002
S137	0.9262	0.9374	-0.0112	0.0006
S138	1.4628	1.4902	-0.0274	0.0005

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S139	1.0251	1.0949	-0.0698	0.0002
S140	1.2298	1.3199	-0.0901	0.0001
S141	2.8608	3.0414	-0.1806	0.0002
S142	3.2109	3.2959	-0.0850	0.0134
S143	3.1153	3.2521	-0.1368	0.0073
S144	3.0100	3.1854	-0.1754	0.0028
S145	2.9340	3.1164	-0.1824	0.0009
S146	2.8779	3.0624	-0.1845	0.0002
S147	2.8583	3.0400	-0.1817	0.0001
S148	3.2451	3.3125	-0.0674	0.0154
S149	2.7993	2.9740	-0.1747	0.0001
S150	2.6814	2.8080	-0.1266	0.0009
S151	2.7343	2.8958	-0.1615	0.0003
S152	2.8008	2.9710	-0.1702	0.0001
S153	2.7012	2.8294	-0.1282	0.0008
S154	3.2590	3.3212	-0.0622	0.0155
S155	2.6977	2.8356	-0.1379	0.0006
S156	2.8240	2.9929	-0.1689	0.0000
S157	2.8231	2.9904	-0.1673	0.0000
S158	2.7610	2.9198	-0.1588	0.0002
S159	1.7222	1.8014	-0.0792	0.0027
S160	1.7260	1.7867	-0.0607	0.0058
S161	1.6803	1.7282	-0.0479	0.0039
S162	1.6693	1.7189	-0.0496	0.0040
S163	2.0124	2.1068	-0.0944	0.0000
S164	2.0037	1.9762	0.0275	0.0153
S165	1.6265	1.5746	0.0519	0.0066
S166	1.5993	1.5858	0.0135	0.0040
S167	1.9317	2.0378	-0.1061	0.0001
S168	1.9647	1.9468	0.0179	0.0127
S169	1.6075	1.5998	0.0077	0.0058
S170	1.5966	1.5563	0.0403	0.0046
S171	1.8165	1.9285	-0.1120	0.0010
S172	1.8547	1.8893	-0.0346	0.0076
S173	1.5696	1.5906	-0.0210	0.0056
S174	1.5852	1.6093	-0.0241	0.0043
S175	1.7572	1.8516	-0.0944	0.0021
S176	1.7796	1.8301	-0.0505	0.0077
S177	1.6753	1.7476	-0.0723	0.0043
S178	1.7046	1.7727	-0.0681	0.0026
S179	1.6941	1.7774	-0.0833	0.0030
S180	1.7340	1.7914	-0.0574	0.0053
S181	1.5981	1.6578	-0.0597	0.0051
S182	1.6196	1.6810	-0.0614	0.0027
S183	1.6763	1.7513	-0.0750	0.0034
S184	1.7187	1.7750	-0.0563	0.0054

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S185	1.6072	1.6708	-0.0636	0.0052
S186	1.6301	1.6944	-0.0643	0.0025
S187	2.0631	2.1452	-0.0821	0.0003
S188	2.0699	1.9983	0.0716	0.0186
S189	1.6118	1.6339	-0.0221	0.0054
S190	1.6399	1.5957	0.0442	0.0040
S191	1.6101	1.6459	-0.0358	0.0054
S192	1.6619	1.7122	-0.0503	0.0073
S193	1.6343	1.6951	-0.0608	0.0058
S194	1.6422	1.7073	-0.0651	0.0015
S195	1.4568	1.4140	0.0428	0.0076
S196	1.5839	1.5736	0.0103	0.0044
S197	1.7892	1.8422	-0.0530	0.0059
S198	1.8122	1.8673	-0.0551	0.0012
S199	1.5586	1.5868	-0.0282	0.0057
S200	1.5957	1.6439	-0.0482	0.0053
S201	1.6625	1.7313	-0.0688	0.0412
S202	1.6920	1.7598	-0.0678	0.0012
S203	1.5896	1.6363	-0.0467	0.0052
S204	1.6543	1.7076	-0.0533	0.0050
S205	1.6433	1.7099	-0.0666	0.0064
S206	1.6808	1.7512	-0.0704	0.0013
S207	1.4974	1.4866	0.0108	0.0071
S208	1.5867	1.6003	-0.0136	0.0036
S209	1.7295	1.7941	-0.0646	0.0060
S210	1.7858	1.8505	-0.0647	0.0012
S211	2.0478	2.1307	-0.0829	0.0001
S212	2.0433	1.9989	0.0444	0.0203
S213	1.6304	1.6537	-0.0233	0.0051
S214	1.6300	1.6652	-0.0352	0.0032
S215	1.4756	1.4480	0.0276	0.0068
S216	1.5432	1.5600	-0.0168	0.0045
S217	1.8056	1.8569	-0.0513	0.0066
S218	1.8920	1.9403	-0.0483	0.0010
S219	1.6260	1.6653	-0.0393	0.0041
S220	1.6924	1.7303	-0.0379	0.0059
S221	1.7042	1.7838	-0.0796	0.0041
S222	1.7099	1.7839	-0.0740	0.0024
S223	1.4586	1.4155	0.0431	0.0069
S224	1.5897	1.6013	-0.0116	0.0033
S225	1.8409	1.8927	-0.0518	0.0051
S226	1.9165	1.9666	-0.0501	0.0013
S227	1.5666	1.5927	-0.0261	0.0055
S228	1.6500	1.6843	-0.0343	0.0032
S229	1.7273	1.8078	-0.0805	0.0039
S230	1.7863	1.8549	-0.0686	0.0025

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S231	2.0667	2.1095	-0.0428	0.0041
S232	2.0797	2.1074	-0.0277	0.0086
S233	2.0645	2.0861	-0.0216	0.0065
S234	1.9727	2.0011	-0.0284	0.0055
S235	2.0563	2.0401	0.0162	0.0054
S236	2.0541	2.0458	0.0083	0.0059
S237	2.3531	2.4003	-0.0472	0.0006
S238	2.2946	2.2694	0.0252	0.0195
S239	2.3754	2.2717	0.1037	0.0261
S240	1.8291	1.7874	0.0417	0.0091
S241	1.9960	1.7985	0.1975	0.0092
S242	2.0105	1.9026	0.1079	0.0075
S243	2.2820	2.3351	-0.0531	0.0010
S244	2.2122	2.2268	-0.0146	0.0130
S245	2.3217	2.2501	0.0716	0.0196
S246	1.8088	1.7609	0.0479	0.0104
S247	2.0421	1.8868	0.1553	0.0078
S248	2.0268	1.8908	0.1360	0.0082
S249	2.1590	2.2297	-0.0707	0.0021
S250	2.1241	2.1815	-0.0574	0.0071
S251	2.2323	2.2083	0.0240	0.0133
S252	1.8622	1.8655	-0.0033	0.0084
S253	2.0052	1.9407	0.0645	0.0072
S254	1.9560	1.9261	0.0299	0.0060
S255	2.1104	2.1679	-0.0575	0.0034
S256	2.0681	2.1137	-0.0456	0.0115
S257	2.1427	2.1449	-0.0022	0.0089
S258	1.8815	1.8810	0.0005	0.0082
S259	1.9764	1.9126	0.0638	0.0096
S260	2.0434	2.0756	-0.0322	0.0031
S261	2.0452	2.0933	-0.0481	0.0045
S262	2.0289	2.0775	-0.0486	0.0070
S263	1.9270	1.9527	-0.0257	0.0069
S264	1.9595	1.9672	-0.0077	0.0077
S265	1.9923	1.9903	0.0020	0.0041
S266	2.1077	2.1197	-0.0120	0.0073
S267	2.0284	2.0683	-0.0399	0.0049
S268	2.0141	2.0584	-0.0443	0.0075
S269	2.0919	2.1054	-0.0135	0.0068
S270	1.9409	1.9683	-0.0274	0.0066
S271	1.9641	1.9776	-0.0135	0.0083
S272	1.9931	2.0004	-0.0073	0.0037
S273	2.4115	2.4350	-0.0235	0.0005
S274	2.3120	2.2634	0.0486	0.0220
S275	2.4176	2.2855	0.1321	0.0284
S276	1.8302	1.7727	0.0575	0.0089

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S277	2.0580	1.7954	0.2626	0.0100
S278	2.0044	1.9615	0.0429	0.0055
S279	1.9909	1.9956	-0.0047	0.0061
S280	2.0385	2.0066	0.0319	0.0154
S281	1.9697	2.0207	-0.0510	0.0046
S282	1.9704	1.9935	-0.0231	0.0059
S283	1.9221	1.9066	0.0155	0.0135
S284	1.9821	2.0020	-0.0199	0.0022
S285	1.7999	1.7405	0.0594	0.0099
S286	1.9932	1.8757	0.1175	0.0094
S287	1.8745	1.9071	-0.0326	0.0026
S288	2.1285	2.1608	-0.0323	0.0039
S289	2.0264	2.1132	-0.0868	0.0003
S290	2.0630	2.0945	-0.0315	0.0114
S291	1.9199	1.9198	0.0001	0.0077
S292	1.9635	1.9297	0.0338	0.0111
S293	1.9410	1.9789	-0.0379	0.0032
S294	2.0032	2.0370	-0.0338	0.0067
S295	1.9700	1.9822	-0.0122	0.0123
S296	1.9950	2.0356	-0.0406	0.0017
S297	1.9473	1.9659	-0.0186	0.0074
S298	1.9922	1.9909	0.0013	0.0084
S299	2.0271	2.0524	-0.0253	0.0047
S300	1.9750	2.0115	-0.0365	0.0065
S301	1.9690	1.9846	-0.0156	0.0115
S302	2.0057	2.0356	-0.0299	0.0017
S303	1.8597	1.8195	0.0402	0.0096
S304	1.9682	1.8845	0.0837	0.0072
S305	1.9334	1.9509	-0.0175	0.0029
S306	2.0673	2.1082	-0.0409	0.0055
S307	2.0096	2.0448	-0.0352	0.0121
S308	2.0475	2.1140	-0.0665	0.0009
S309	2.3821	2.4165	-0.0344	0.0008
S310	2.3170	2.2794	0.0376	0.0270
S311	2.4089	2.2920	0.1169	0.0279
S312	1.9169	1.9205	-0.0036	0.0070
S313	2.0102	1.8846	0.1256	0.0091
S314	2.0256	1.9814	0.0442	0.0053
S315	1.8345	1.7826	0.0519	0.0083
S316	1.9263	1.8391	0.0872	0.0098
S317	1.8931	1.9299	-0.0368	0.0024
S318	2.1204	2.1602	-0.0398	0.0305
S319	2.1360	2.1937	-0.0577	0.0185
S320	2.0354	2.0673	-0.0319	0.0113
S321	1.9579	1.9725	-0.0146	0.0069
S322	2.0473	2.0361	0.0112	0.0089

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S323	2.0717	2.0766	-0.0049	0.0063
S324	2.0282	2.0730	-0.0448	0.0040
S325	2.0413	2.0872	-0.0459	0.0026
S326	2.0753	2.0998	-0.0245	0.0086
S327	1.8276	1.7553	0.0723	0.0091
S328	1.9574	1.8795	0.0779	0.0061
S329	2.0471	2.0585	-0.0114	0.0189
S330	2.1521	2.1924	-0.0403	0.0042
S331	2.1230	2.2048	-0.0818	0.0004
S332	2.0436	2.0968	-0.0532	0.0107
S333	1.9308	1.9215	0.0093	0.0075
S334	2.0359	1.9980	0.0379	0.0051
S335	2.0100	2.0216	-0.0116	0.0040
S336	2.0636	2.1129	-0.0493	0.0312
S337	2.0539	2.0993	-0.0454	0.0072
S338	2.0961	2.1486	-0.0525	0.0021
S339	2.3137	2.4071	-0.0934	0.0025
S340	2.3220	2.3900	-0.0680	0.0056
S341	2.2392	2.2890	-0.0498	0.0038
S342	2.6049	2.7092	-0.1043	0.0004
S343	2.6344	2.5758	0.0586	0.0229
S344	2.0741	1.9557	0.1184	0.0081
S345	2.5056	2.6292	-0.1236	-0.0000
S346	2.5638	2.5513	0.0125	0.0156
S347	2.0909	2.0371	0.0538	0.0077
S348	2.3961	2.5274	-0.1313	0.0007
S349	2.4714	2.5098	-0.0384	0.0090
S350	2.1326	2.1634	-0.0308	0.0056
S351	2.3528	2.4673	-0.1145	0.0018
S352	2.3785	2.4365	-0.0580	0.0080
S353	2.1354	2.1404	-0.0050	0.0074
S354	2.2889	2.3900	-0.1011	0.0029
S355	2.1690	2.2288	-0.0598	0.0055
S356	2.3398	2.4074	-0.0676	0.0050
S357	2.2722	2.3643	-0.0921	0.0033
S358	2.3225	2.3899	-0.0674	0.0049
S359	2.1790	2.2430	-0.0640	0.0057
S360	2.6362	2.7290	-0.0928	0.0008
S361	2.6651	2.5967	0.0684	0.0264
S362	2.0650	1.9909	0.0741	0.0083
S363	2.2233	2.2819	-0.0586	0.0052
S364	2.2191	2.2981	-0.0790	0.0041
S365	2.2036	2.2502	-0.0466	0.0058
S366	2.0875	2.0535	0.0340	0.0084
S367	2.1236	2.1659	-0.0423	0.0031
S368	2.2991	2.3864	-0.0873	0.0064

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S369	2.1775	2.2193	-0.0418	0.0061
S370	2.1803	2.2476	-0.0673	0.0044
S371	2.2013	2.2689	-0.0676	0.0073
S372	2.2031	2.2671	-0.0640	0.0054
S373	2.2587	2.3233	-0.0646	0.0042
S374	2.1938	2.2659	-0.0721	0.0067
S375	2.1192	2.1162	0.0030	0.0078
S376	2.1636	2.2027	-0.0391	0.0031
S377	2.2613	2.3487	-0.0874	0.0063
S378	2.6275	2.7142	-0.0867	0.0007
S379	2.6720	2.5915	0.0805	0.0268
S380	2.1168	2.0539	0.0629	0.0078
S381	2.1078	2.0876	0.0202	0.0074
S382	2.1453	2.1926	-0.0473	0.0041
S383	2.3127	2.4099	-0.0972	0.0042
S384	2.2249	2.2824	-0.0575	0.0041
S385	2.3047	2.3579	-0.0532	0.0051
S386	2.2835	2.3661	-0.0826	0.0043
S387	2.0928	2.0548	0.0380	0.0073
S388	2.2747	2.3288	-0.0541	0.0032
S389	2.2993	2.3981	-0.0988	0.0052
S390	2.1773	2.2123	-0.0350	0.0057
S391	2.2378	2.2933	-0.0555	0.0029
S392	2.2940	2.3920	-0.0980	0.0038
S393	2.2835	2.3557	-0.0722	0.0078
S394	2.2650	2.3227	-0.0577	0.0078
S395	2.2013	2.2458	-0.0445	0.0069
S396	2.6261	2.6286	-0.0025	0.0112
S397	2.5635	2.4858	0.0777	0.0322
S398	2.0797	2.0214	0.0583	0.0103
S399	2.5243	2.5631	-0.0388	0.0077
S400	2.4961	2.4642	0.0319	0.0237
S401	2.0775	2.0042	0.0733	0.0113
S402	2.3979	2.4836	-0.0857	0.0050
S403	2.4178	2.4283	-0.0105	0.0160
S404	2.0988	2.1057	-0.0069	0.0097
S405	2.3298	2.4046	-0.0748	0.0095
S406	2.3356	2.3762	-0.0406	0.0106
S407	2.2199	2.2968	-0.0769	0.0051
S408	2.2686	2.3481	-0.0795	0.0070
S409	2.1354	2.1870	-0.0516	0.0070
S410	2.3006	2.3518	-0.0512	0.0083
S411	2.2505	2.3244	-0.0739	0.0078
S412	2.2840	2.3384	-0.0544	0.0075
S413	2.1444	2.2008	-0.0564	0.0066
S414	2.6632	2.6363	0.0269	0.0131

	EOM-CCSD/cc-pVDZ			
Molecule	**$\Delta E(S_0\text{-}S_1)$ [eV]**	**$\Delta E(S_0\text{-}T_1)$ [eV]**	**$\Delta E(S_1\text{-}T_1)$ [eV]**	**$f_{12}(S_0\text{-}S_1)$**
S415	2.5914	2.4982	0.0932	0.0346
S416	2.1311	2.1335	-0.0024	0.0078
S417	2.2120	2.2472	-0.0352	0.0154
S418	2.2057	2.2820	-0.0763	0.0046
S419	2.1544	2.2076	-0.0532	0.0049
S420	2.0926	2.0669	0.0257	0.0122
S421	2.1149	2.1842	-0.0693	0.0019
S422	2.2822	2.3882	-0.1060	0.0025
S423	2.1339	2.1634	-0.0295	0.0122
S424	2.1562	2.2376	-0.0814	0.0031
S425	2.1893	2.2624	-0.0731	0.0053
S426	2.1794	2.2299	-0.0505	0.0104
S427	2.2351	2.3008	-0.0657	0.0047
S428	2.1765	2.2501	-0.0736	0.0055
S429	2.0974	2.0880	0.0094	0.0780
S430	2.1486	2.2120	-0.0634	0.0023
S431	2.2593	2.3568	-0.0975	0.0040
S432	2.6492	2.6361	0.0131	0.0169
S433	2.6007	2.5053	0.0954	0.0344
S434	2.1436	2.1431	0.0005	0.0075
S435	2.0782	2.0596	0.0186	0.0116
S436	2.1259	2.2002	-0.0743	0.0024
S437	2.3330	2.4201	-0.0871	0.0038
S438	2.2213	2.2580	-0.0367	0.0102
S439	2.2554	2.3108	-0.0554	0.0062
S440	2.2285	2.3165	-0.0880	0.0040
S441	2.1061	2.0906	0.0155	0.0091
S442	2.2613	2.3145	-0.0532	0.0053
S443	2.3407	2.4470	-0.1063	0.0031
S444	2.1713	2.1980	-0.0267	0.0078
S445	2.1990	2.2650	-0.0660	0.0040
S446	2.2837	2.3794	-0.0957	0.0042