| | ADC(2)/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	1.0372	1.1976	-0.1604	0.0000
S559	1.9622	2.0904	-0.1282	0.0310
S582	2.0431	2.1742	-0.1311	0.0723
S606	2.0085	2.0919	-0.0834	0.0962
S616	2.0059	2.0729	-0.0670	0.1748
S637	2.0565	2.1251	-0.0686	0.3044
S669	2.0205	2.0736	-0.0531	0.4752
S700	1.5805	1.7067	-0.1262	0.0541
S702	1.8711	1.9644	-0.0934	0.0943
S811	1.8195	1.8552	-0.0357	0.3464
S838	2.0825	2.1790	-0.0965	0.2041