

Supplementary Materials

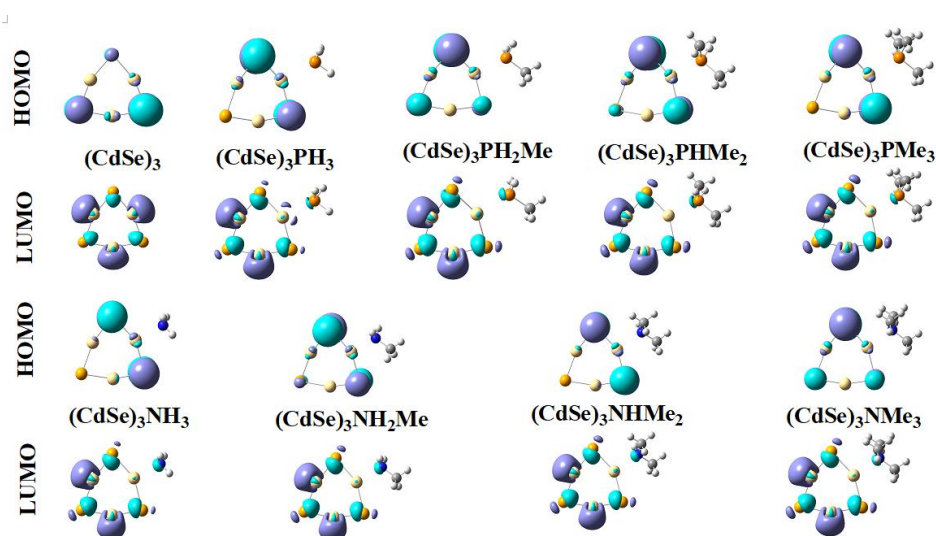


Figure S1. LUMO and HOMO orbitals of the $(\text{CdSe})_{10}$ and $(\text{CdSe})_{10}\text{L}$ ($\text{L} = \text{PH}_3, \text{PH}_2\text{Me}, \text{PHMe}_2, \text{PMe}_3, \text{NH}_3, \text{NH}_2\text{Me}, \text{NHMe}_2$ and NMe_3)

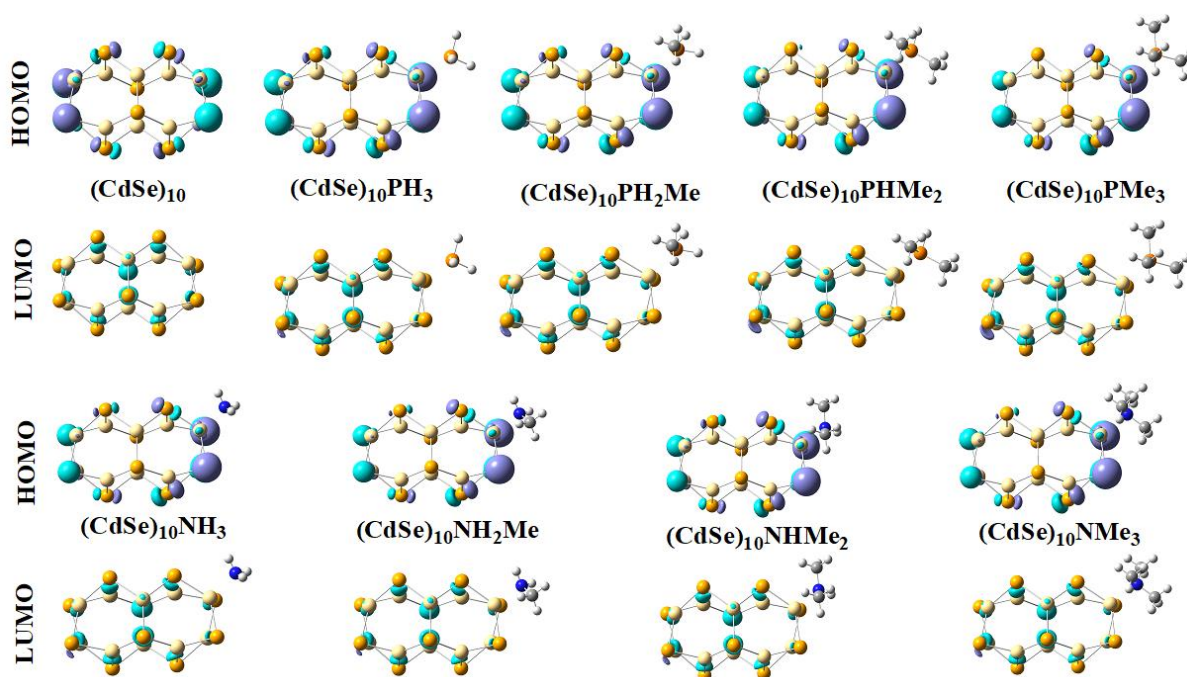


Figure S2. LUMO and HOMO orbitals of the $(\text{CdSe})_{10}$ and $(\text{CdSe})_{10}\text{L}$ ($\text{L} = \text{PH}_3, \text{PH}_2\text{Me}, \text{PHMe}_2, \text{PMe}_3, \text{NH}_3, \text{NH}_2\text{Me}, \text{NHMe}_2$ and NMe_3) clusters

Table S1 The optimized Cartesian x,y,z coordinates in angstroms the total energies in a.u. of the most stable $(\text{CdSe})_n$ and $(\text{CdSe})_n\text{L}$ ($n = 3, 6, 10, m = 1 - n$)

	Cartesian x,y,z coordinates and the total energies			
(CdSe)₃	Energy = -7707.770925280			
	Se	2.8995471	0.9397129	-4.5579995
	Se	-1.2044042	-0.8346067	-2.4943403
	Se	2.4138930	0.9202054	0.3407062
	Cd	0.6905228	-0.0258459	-3.9067161
	Cd	0.3816720	-0.0547652	-0.7324632
	Cd	3.0374833	1.1001983	-2.0699195
(CdSe)₆	Energy = -15415.61360700			
	Cd	6.0239383	0.0735535	-6.4124522
	Cd	2.6623129	-0.2708946	-4.9560396
	Cd	3.0503449	0.4263141	-8.5443247
	Se	5.0656274	-0.0745663	-4.0104944
	Se	5.5860392	0.8642968	-8.8404832
	Se	1.0641507	0.4007381	-6.8832830
	Cd	4.8208246	-2.6264428	-5.1755094
	Cd	1.8472313	-2.2736822	-7.3073819
	Cd	5.2088567	-1.9292341	-8.7637945
	Se	2.2851303	-3.0644255	-4.8793509
	Se	6.8070189	-2.6008668	-6.8365511
	Se	2.8055422	-2.1255625	-9.7093397
(CdSe)₁₀	Energy = -25692.73797140			
	Se	-2.7542817	2.4709788	-0.7820228
	Se	1.9567739	2.4298077	-1.1062532
	Se	6.3143740	3.0108260	0.6952076
	Se	-0.1825061	-1.3923549	0.6765164
	Se	3.8641726	-1.1440567	1.2981171
	Cd	-2.2250983	0.1472695	0.2201842
	Cd	1.8848246	0.1207209	0.1457325
	Cd	5.7527594	0.6255138	1.5163637
	Cd	-0.3197191	3.2202083	-0.1243233
	Cd	3.7302053	3.4483719	0.4989370
	Cd	5.2965320	3.1685285	3.2785906
	Cd	1.1870912	3.1956319	3.3538885
	Cd	-2.6797545	2.6902731	1.9848585
	Cd	3.3915204	0.0976832	3.6260206
	Cd	-0.6563300	-0.1343378	2.9982854
	Se	5.8261378	0.8461259	4.2834404
	Se	1.1137092	0.8865658	4.6058727
	Se	-3.2408594	0.3039755	2.8038001
	Se	3.2546146	4.7076554	2.8203611
Se	-0.7926722	4.4616145	2.2035962	
(CdSe)₃PH₃	Energy = -8050.963827745			
	Cd	1.6310812	0.5166349	-0.0910740
	Cd	-0.5910243	-0.5362028	-2.0259912
	Cd	2.2382196	0.5697666	-3.3704571
	Se	-0.6441606	-0.3428337	0.4604165
	Se	3.6334794	1.2254075	-1.3625462
	Se	0.1453274	-0.4214353	-4.3886846
	P	3.8467246	1.5223345	-5.5170402
	H	5.0561950	2.1820942	-5.2096488
	H	3.3157543	2.5093009	-6.3761210
	H	4.3536689	0.6703647	-6.5228314
(CdSe)₃PH₂Me	Energy = -8090.307819742			
	Cd	1.7073653	0.4421991	-0.1306823
	Cd	-0.5334568	-0.5972908	-2.0416562
	Cd	2.1084507	0.9289354	-3.4338742
	Se	-0.3791393	-0.7937266	0.4406890
	Se	3.5045328	1.5660352	-1.3999636
	Se	-0.0145833	-0.0699802	-4.3998441
	P	3.8196009	1.5509532	-5.5203948
	H	3.3660239	2.3500455	-6.5929475
	H	4.2417736	0.4469848	-6.2929185
	C	5.4259856	2.3501499	-5.0984543

	H	5.9422835	1.7223107	-4.3675435
	H	6.0584184	2.4922319	-5.9771822
	H	5.2230921	3.3165047	-4.6293891
(CdSe)₃PHMe₂	Energy = -8129.652585928			
	Cd	1.6992590	0.4979181	-0.1580561
	Cd	-0.5538297	-0.4584225	-2.0786519
	Cd	2.3186111	0.6342838	-3.4914612
	Se	-0.5803070	-0.3359984	0.4132728
	Se	3.6949009	1.2140435	-1.4220388
	Se	0.1485851	-0.2973771	-4.4407133
	P	3.8708940	1.5579413	-5.5312365
	H	4.3413672	0.5945948	-6.4512657
	C	5.4430829	2.3636169	-5.0215138
	H	6.0430704	1.6466375	-4.4545913
	H	6.0152437	2.7227055	-5.8818451
	H	5.2095979	3.2023704	-4.3598005
	C	3.0701576	2.7620878	-6.6695916
	H	3.7539355	3.0943823	-7.4558225
	H	2.1913254	2.2937719	-7.1208992
	H	2.7358929	3.6289029	-6.0918462
(CdSe)₃PMe₃	Energy = -8168.998077387			
	Cd	1.7260292	0.3716957	-0.1935298
	Cd	-0.4438443	-0.6390118	-2.1810351
	Cd	2.2650861	0.9270316	-3.5104416
	Se	-0.3828179	-0.8616783	0.3026571
	Se	3.5639572	1.5037012	-1.3844516
	Se	0.1447599	-0.0891853	-4.5125518
	P	3.8640234	1.6641085	-5.5551411
	C	5.4634316	2.4123625	-5.0502865
	H	6.0034714	1.7092256	-4.4099200
	H	6.0818780	2.6640554	-5.9188151
	H	5.2704090	3.3172692	-4.4670273
	C	3.1549733	2.8908611	-6.7255089
	H	3.8529755	3.1143286	-7.5395600
	H	2.2248000	2.4954384	-7.1432273
	H	2.9228514	3.8152127	-6.1883653
	C	4.3589118	0.2709330	-6.6468222
	H	3.4625719	-0.2021398	-7.0576455
	H	4.9981725	0.6151209	-7.4670355
	H	4.9006805	-0.4762053	-6.0594257
(CdSe)₆PH₃	Energy = -15758.80918265			
	Cd	5.0468429	0.6623781	-6.3195141
	Cd	1.7693196	-1.0995671	-5.2561389
	Cd	2.2469570	-0.4090170	-8.7799365
	Se	3.7444864	0.0825169	-4.1015657
	Se	4.3890832	1.0194991	-8.8572198
	Se	0.2492979	-1.2082701	-7.3446856
	Cd	4.6989495	-2.3368994	-5.0936052
	Cd	2.1129461	-3.3371648	-7.5116758
	Cd	5.1824944	-1.6379264	-8.6150021
	Se	2.5643184	-3.8061207	-5.0147603
	Se	6.7213332	-1.5974589	-6.5305792
	Se	3.2229853	-2.8627861	-9.7927147
	P	6.7192146	2.8254170	-5.9130040
	H	8.1121101	2.6413256	-6.0381005
	H	6.7302352	3.5681090	-4.7129583
	H	6.5881101	3.9070208	-6.8088812
(CdSe)₆PH₂Me	Energy = -15798.15340222			
	Cd	5.1195209	0.6834922	-6.3336159
	Cd	1.7821704	-1.0471948	-5.2694847
	Cd	2.2811832	-0.4068821	-8.7954870
	Se	3.7646940	0.1255745	-4.1224799
	Se	4.4378276	0.9927382	-8.8858247
	Se	0.2677684	-1.1648980	-7.3609768
	Cd	4.6931173	-2.3120339	-5.0792746
	Cd	2.1101602	-3.3200754	-7.4896631
	Cd	5.1987020	-1.6585765	-8.5987543
	Se	2.5439197	-3.7612342	-4.9853306
	Se	6.7340046	-1.6185731	-6.5094625

	Se	3.2336098	-2.8868165	-9.7697863
	P	6.6979507	2.8475015	-5.9353206
	H	8.0709233	2.6746034	-6.2107155
	H	6.4525606	3.8905902	-6.8526498
	C	6.7351325	3.7496334	-4.3291920
	H	7.3931074	4.6203693	-4.3675388
	H	5.7181394	4.0664118	-4.0845954
	H	7.0759928	3.0640820	-3.5492046
(CdSe)₆PHMe₂	Energy =	-15837.49883365		
	Cd	5.1891838	0.7194001	-6.3017314
	Cd	1.8054150	-1.0152276	-5.2707486
	Cd	2.3081908	-0.3584280	-8.7840068
	Se	3.7901932	0.1397892	-4.1153353
	Se	4.4686794	1.0316556	-8.8599630
	Se	0.2877614	-1.1172295	-7.3608314
	Cd	4.7091327	-2.2905683	-5.0818616
	Cd	2.1234753	-3.2792637	-7.4997211
	Cd	5.2209064	-1.6214285	-8.5834874
	Se	2.5547931	-3.7351778	-4.9990911
	Se	6.7627132	-1.6083521	-6.5012505
	Se	3.2564091	-2.8342718	-9.7725489
	P	6.7417314	2.8595910	-5.9201810
	H	8.1216510	2.6067087	-6.0746583
	C	6.7098451	3.7048480	-4.2881713
	H	7.3763640	4.5718244	-4.2705919
	H	5.6867078	4.0262598	-4.0750025
	H	7.0114506	2.9956417	-3.5127441
	C	6.4765499	4.1909047	-7.1577304
	H	6.5986109	3.7715616	-8.1601378
	H	5.4494501	4.5565747	-7.0702903
	H	7.1739170	5.0212878	-7.0157043
(CdSe)₆PMe₃	Energy =	-15876.84478499		
	Cd	5.2100672	0.7604153	-6.3067391
	Cd	1.7982843	-0.9622101	-5.2952880
	Cd	2.3561497	-0.3663490	-8.8161500
	Se	3.7723474	0.2011455	-4.1326732
	Se	4.5257754	1.0065313	-8.8882514
	Se	0.3132216	-1.0904284	-7.4073980
	Cd	4.6972603	-2.2392145	-5.0464120
	Cd	2.1402256	-3.2637522	-7.4787240
	Cd	5.2585624	-1.6377837	-8.5459641
	Se	2.5378291	-3.6799733	-4.9657262
	Se	6.7755974	-1.5928147	-6.4471325
	Se	3.3056606	-2.8645508	-9.7431651
	P	6.7732250	2.8660182	-5.9235983
	C	6.6750933	3.6735925	-4.2778946
	H	7.3281925	4.5511860	-4.2263139
	H	5.6422606	3.9772492	-4.0859403
	H	6.9665729	2.9578947	-3.5041879
	C	6.4164439	4.2216888	-7.1076878
	H	6.5006024	3.8380423	-8.1284345
	H	5.3888802	4.5673658	-6.9629090
	H	7.1051333	5.0625241	-6.9722042
	C	8.5650642	2.5393574	-6.1539107
	H	9.1553086	3.4521243	-6.0196429
	H	8.8926647	1.7841795	-5.4339838
	H	8.7328078	2.1444447	-7.1598456
(CdSe)₁₀PH₃	Energy =	-26035.93426026		
	P	8.3442021	-0.5559063	0.7904365
	H	8.7867560	-1.8709992	1.0514391
	H	9.4836865	0.1303148	1.2578632
	H	8.6501625	-0.5168696	-0.5859197
	Se	-2.7753830	2.4831478	-0.7789418
	Se	1.9260823	2.4424680	-1.1286576
	Se	6.2789513	3.0015984	0.6824207
	Se	-0.1847204	-1.3779859	0.6610921
	Se	3.8651026	-1.0870929	1.3102100
	Cd	-2.2266923	0.1598062	0.2131046

	Cd	1.8875431	0.1437538	0.1462201
	Cd	5.9423390	0.5274726	1.5579548
	Cd	-0.3370001	3.2334232	-0.1225467
	Cd	3.7089500	3.4179104	0.4910995
	Cd	5.2894074	3.1388057	3.2420402
	Cd	1.1648216	3.1924123	3.3640507
	Cd	-2.6937136	2.6902573	1.9894012
	Cd	3.4004938	0.1433780	3.6189770
	Cd	-0.6497857	-0.1319451	2.9894564
	Se	5.8368682	0.8541807	4.3199471
	Se	1.1042975	0.8856204	4.6143835
	Se	-3.2398142	0.2990063	2.8005432
	Se	3.2363275	4.6803765	2.8168332
	Se	-0.8125815	4.4644075	2.2095852
(CdSe)₁₀PH₂Me	Energy = -26075.27860516			
	Se	-3.1514883	2.2622416	-0.3472175
	Se	1.3576009	2.1373468	-1.7674703
	Se	6.0279621	2.4261776	-1.0344644
	Se	-0.5356772	-1.8064720	0.0422113
	Se	3.5600408	-1.6652186	-0.1252893
	Cd	-2.5355724	-0.1684224	0.2628099
	Cd	1.4441296	-0.2792279	-0.7467570
	Cd	5.5359156	0.0249934	-0.2113304
	Cd	-0.5902777	2.8676942	-0.2148511
	Cd	3.4967596	2.8936316	-0.4779307
	Cd	5.9205901	2.5170995	1.7322737
	Cd	1.6666493	2.4080082	2.8158731
	Cd	-2.4097821	2.1745473	2.3273629
	Cd	3.7545400	-0.6073779	2.3405275
	Cd	-0.3595308	-0.8124941	2.5225248
	Se	6.2940699	-0.0111064	2.4213262
	Se	1.7254687	-0.0075603	3.8494084
	Se	-2.8919335	-0.2688695	3.0123983
	Se	3.6347824	3.8824777	1.9758334
	Se	-0.4424406	3.8633218	2.2650224
	P	7.7054220	4.1570818	2.8963984
	C	7.6074341	4.2960010	4.7306697
	H	8.3617306	4.9779779	5.1283169
	H	7.7431128	3.3020707	5.1648701
	H	6.6103195	4.6558841	4.9981840
	H	9.0827474	3.9300286	2.6900924
	H	7.6695709	5.5086372	2.4939765
(CdSe)₁₀PHMe₂	Energy = -26114.62409022			
	P	7.8382191	4.5360852	2.6000508
	C	7.1577801	5.3425470	4.1055947
	H	7.8572228	6.0715752	4.5240745
	H	6.9479767	4.5708291	4.8517792
	H	6.2175335	5.8399469	3.8518847
	H	8.2562849	5.6560263	1.8487875
	C	9.4455348	3.8222026	3.1315294
	H	9.2499428	2.9309120	3.7342781
	H	10.0328134	4.5383667	3.7133254
	H	10.0128081	3.5198958	2.2468441
	Se	-2.7834985	1.7639907	-1.1790392
	Se	1.8505500	1.4045304	-2.0952022
	Se	6.4570656	2.0539039	-1.1485426
	Se	-0.1715734	-1.9482208	0.5665975
	Se	3.9718147	-1.7768662	0.5697303
	Cd	-2.1915533	-0.3768033	0.1355924
	Cd	1.8618744	-0.6631058	-0.4760539
	Cd	5.9090726	-0.0758710	0.2051422
	Cd	-0.2502458	2.4764684	-1.0096504
	Cd	3.8811053	2.5688386	-0.9345239
	Cd	6.1094461	2.8504507	1.4900172
	Cd	1.7473284	2.9668824	2.1494841
	Cd	-2.2846023	2.4691691	1.4618176
	Cd	3.8963201	-0.0951465	2.6696997
	Cd	-0.2389938	-0.2754983	2.6615653
	Se	6.4201538	0.5569067	2.8136888

	Se	1.7721121	0.9101129	3.7922426
	Se	-2.8067862	0.3002377	2.7622770
	Se	3.8123555	4.1875855	1.1555107
	Se	-0.3427792	4.1464535	1.0876934
(CdSe)₁₀PMe₃	Energy = -26153.97023885			
	Se	-1.9485648	1.1982339	-1.8762697
	Se	2.7716958	1.4470189	-1.8627900
	Se	6.9897843	2.6251979	0.0098366
	Se	0.7438206	-2.2349960	0.2648065
	Se	4.7282679	-1.5235373	1.1733093
	Cd	-1.3453773	-0.9101843	-0.5158510
	Cd	2.7605760	-0.6563515	-0.2935734
	Cd	6.4695633	0.4129838	1.2356750
	Cd	0.3850976	2.2161924	-1.1846120
	Cd	4.3824817	2.7847840	-0.3004446
	Cd	6.0319962	3.2944984	2.5546000
	Cd	1.6317389	2.8141648	2.3116088
	Cd	-2.0699102	1.8291508	0.8298583
	Cd	4.0326653	0.0602626	3.2400917
	Cd	0.0668947	-0.6895176	2.3456976
	Se	6.3680212	1.0157037	3.8988942
	Se	1.6010563	0.7149677	3.8959130
	Se	-2.5273162	-0.4510415	1.9562570
	Se	3.6799178	4.3016273	1.7464017
	Se	-0.3480683	3.7687518	0.8791860
	P	7.3165691	5.2297567	3.8095052
	C	6.7599294	5.4315496	5.5476542
	H	6.9041422	4.4904485	6.0859744
	H	5.6934738	5.6736396	5.5602800
	H	7.3172247	6.2283072	6.0517139
	C	9.1333338	5.0108158	3.9558434
	H	9.3415003	4.0661231	4.4662400
	H	9.5881675	5.8337917	4.5176505
	H	9.5762806	4.9663944	2.9569419
	C	7.1238188	6.9069669	3.0891968
	H	7.5294315	6.9144727	2.0735723
H	7.6424147	7.6605174	3.6917454	
H	6.0600264	7.1549918	3.0333156	
(CdSe)₃NH₃	Energy = -7764.382642596			
	Cd	1.7891287	0.5886804	-0.2973744
	Cd	-0.4374175	-0.4540924	-2.2334970
	Cd	2.3842936	0.6629798	-3.5713085
	Se	-0.4853608	-0.2741141	0.2552037
	Se	3.7918457	1.3057046	-1.5578919
	Se	0.2886454	-0.3295892	-4.5961445
	H	4.5815793	1.9548910	-5.0144408
	H	3.2471772	2.1825700	-5.9566421
	H	4.0696658	0.7617978	-6.0326897
	N	3.7557015	1.4966015	-5.3991831
(CdSe)₃NH₂Me	Energy = -7803.706931533			
	Cd	1.8363763	0.6076779	-0.3035396
	Cd	-0.3224036	-0.4381139	-2.3108318
	Cd	2.5290465	0.7365712	-3.5523677
	Se	-0.4399076	-0.2957051	0.1766216
	Se	3.8652495	1.3773902	-1.4900016
	Se	0.4716776	-0.2799326	-4.6466024
	H	3.2353209	2.1659551	-5.9404293
	H	4.0420394	0.7542469	-6.0208255
	C	5.1151244	2.2523117	-5.0658982
	H	5.7590811	1.5658904	-4.5133300
	H	5.6459046	2.6148115	-5.9538130
	H	4.8808668	3.0948094	-4.4127434
	N	3.8519606	1.5494356	-5.4103865

(CdSe)₃NHMe₂	Energy = -7843.033686745			
	Cd	1.6980502	0.7516256	-0.3546969
	Cd	-0.1759871	-0.6310590	-2.4344368
	Cd	2.4644636	1.0543466	-3.5838145
	Se	-0.3512057	-0.6090617	0.0557008
	Se	3.5610654	1.9343948	-1.4708272
	Se	0.5991627	-0.2297211	-4.7481533
	H	3.8618784	0.8255270	-6.0217468
	C	5.2134237	2.0971842	-5.1479835
	H	5.7029718	1.2851833	-4.6064087
	H	5.7974265	2.3426512	-6.0461544
	H	5.1764163	2.9736174	-4.4967119
	C	3.1397927	2.7130775	-6.3182010
	H	3.7002800	2.9355680	-7.2369263
	H	2.1436908	2.3478531	-6.5781920
	H	3.0405717	3.6339519	-5.7376477
	N	3.8297718	1.6963128	-5.4898410
(CdSe)₃NMe₃	Energy = -7882.361220258			
	Cd	1.7945775	0.6822603	-0.5010661
	Cd	-0.1921787	-0.5034275	-2.6076634
	Cd	2.6577383	0.8456659	-3.7065705
	Se	-0.4373034	-0.3690494	-0.1314498
	Se	3.8348858	1.5769848	-1.5755221
	Se	0.7128584	-0.2924820	-4.8959796
	C	5.2424156	2.2567968	-5.1488633
	H	5.8324736	1.5109293	-4.6112817
	H	5.8263086	2.6341496	-6.0029522
	H	5.0207121	3.0825205	-4.4691544
	C	3.1489969	2.6446042	-6.3191645
	H	3.6654235	3.0069306	-7.2218160
	H	2.1977340	2.1884186	-6.6046948
	H	2.9548534	3.4925221	-5.6572911
	C	4.2486956	0.4942365	-6.4968062
	H	3.3030368	0.0254867	-6.7803113
H	4.7810086	0.8199704	-7.4041865	
H	4.8642344	-0.2375878	-5.9675696	
N	3.9758492	1.6441940	-5.6057906	
(CdSe)₆NH₃	Energy = -15472.22867644			
	Cd	5.1164431	0.7926846	-6.3131014
	Cd	1.8677012	-0.9719578	-5.2237491
	Cd	2.3304443	-0.2894366	-8.7605679
	Se	3.8390158	0.2227841	-4.0759003
	Se	4.4646067	1.1474453	-8.8547889
	Se	0.3443686	-1.0909935	-7.3101536
	Cd	4.8050661	-2.1905352	-5.0703296
	Cd	2.2181776	-3.2126087	-7.4746664
	Cd	5.2726832	-1.5030271	-8.5916307
	Se	2.6773828	-3.6722059	-4.9783854
	Se	6.8238345	-1.4650402	-6.5175748
	Se	3.3164641	-2.7434070	-9.7619212
	H	7.5533838	2.3289352	-6.0405364
	H	6.4630766	3.0843486	-5.0589187
	H	6.4219121	3.3369184	-6.6909722
	N	6.5841037	2.6371530	-5.9671153
(CdSe)₆NH₂Me	Energy = -15511.55302976			
	Cd	5.0831580	0.7881608	-6.2712140
	Cd	1.8503488	-1.0429221	-5.2221612
	Cd	2.2980078	-0.2894424	-8.7396795
	Se	3.8051245	0.1556342	-4.0527884
	Se	4.4138683	1.1758555	-8.8069905
	Se	0.3225554	-1.1483354	-7.3054113
	Cd	4.8063585	-2.2237124	-5.0979956
	Cd	2.2265663	-3.2374798	-7.5170555
	Cd	5.2579215	-1.4660811	-8.5990321
	Se	2.6975565	-3.7336990	-5.0294838
	Se	6.8180881	-1.4546384	-6.5319786
	Se	3.3171389	-2.7074665	-9.7940950
	H	7.5186346	2.1869674	-5.9788573
	H	6.4762312	3.1954961	-6.7336617

	N	6.5856368	2.5958513	-5.9150981
	C	6.4526897	3.3903503	-4.6665346
	H	6.5730845	2.7233919	-3.8113460
	H	7.1938087	4.1955610	-4.6070467
	H	5.4501782	3.8202835	-4.6283694
(CdSe)₆NHMe₂	Energy = -15550.87963389			
	Cd	4.8794967	0.9624310	-6.3707387
	Cd	2.0894762	-1.3738951	-5.0027518
	Cd	1.8678097	-0.3269912	-8.4537695
	Se	4.0455450	0.0043582	-4.0462091
	Se	3.7531089	1.4137160	-8.7110766
	Se	0.2704215	-1.5660439	-6.8346778
	Cd	5.1497325	-2.1392785	-5.4385851
	Cd	2.3654122	-3.3372724	-7.5169247
	Cd	4.9314356	-1.1030822	-8.8830278
	Se	3.2863686	-3.9266545	-5.1755565
	Se	6.8053572	-1.0393754	-7.0954374
	Se	2.9837239	-2.5009319	-9.8819940
	H	7.1367745	2.0893376	-5.2910566
	N	6.4342911	2.6663864	-5.7565238
	C	5.9071390	3.6447057	-4.7767192
	H	5.4742742	3.1077551	-3.9295002
	H	6.6951938	4.3218683	-4.4204411
	H	5.1242484	4.2374597	-5.2564291
	C	7.0746962	3.3221661	-6.9212410
	H	7.5009097	2.5553586	-7.5719653
	H	6.3149695	3.8758592	-7.4779292
	H	7.8656993	4.0166366	-6.6069648
(CdSe)₆NMe₃	Energy = -15590.20771772			
	Cd	5.1602489	0.8310816	-6.4631975
	Cd	1.5565696	-0.4534849	-5.8794038
	Cd	2.9535585	-0.7842269	-9.2094932
	Se	3.2921674	0.9452722	-4.5856670
	Se	5.1870461	0.4925465	-9.0895652
	Se	0.5951383	-1.1055220	-8.1936063
	Cd	4.2215301	-1.6786458	-4.6418394
	Cd	2.2183102	-3.2426910	-7.2995440
	Cd	5.6118021	-2.0154709	-7.9614605
	Se	1.9924878	-3.0043971	-4.7377841
	Se	6.6066361	-1.4666717	-5.6331342
	Se	3.8861434	-3.4542351	-9.2606825
	N	6.6162895	2.6744488	-6.0064370
	C	6.9612761	2.6614548	-4.5659852
	H	7.4610581	1.7196583	-4.3265696
	H	7.6281376	3.5012145	-4.3179033
	H	6.0451016	2.7398674	-3.9758485
	C	5.9045918	3.9264915	-6.3522136
	H	5.6405930	3.9097999	-7.4126782
	H	4.9921564	3.9976822	-5.7551279
	H	6.5383466	4.8039044	-6.1518691
	C	7.8410686	2.5359512	-6.8274626
	H	8.3402948	1.5982079	-6.5710436
	H	7.5657098	2.5160839	-7.8846960
	H	8.5288636	3.3752454	-6.6446199
(CdSe)₁₀NH₃	Energy = -25749.35326314			
	N	7.8336356	4.0092317	2.5934027
	H	8.3056281	3.7203207	3.4496038
	H	7.4386194	4.9367301	2.7481558
	H	8.5354188	4.0873523	1.8576350
	Se	-2.8704453	2.4163753	-0.4034680
	Se	1.6870090	2.1944429	-1.7195174
	Se	6.3328738	2.4025321	-0.8930512
	Se	-0.3174052	-1.6693907	0.1534150
	Se	3.7787119	-1.6210335	0.0458933
	Cd	-2.3058330	-0.0081779	0.2871351
	Cd	1.7038877	-0.2023493	-0.6441425
	Cd	5.7877659	0.0301221	-0.0292325
	Cd	-0.3007981	2.9766820	-0.2433725

	Cd	3.8085422	2.9474292	-0.3984375
	Cd	6.1123924	2.5189259	1.9016442
	Cd	1.8966802	2.5743941	2.8640871
	Cd	-2.1849778	2.3931184	2.2871448
	Cd	3.9341286	-0.5287746	2.4995501
	Cd	-0.1896959	-0.6158246	2.6166694
	Se	6.4877576	0.0187982	2.6286111
	Se	1.8961569	0.1783884	3.9512441
	Se	-2.7246228	-0.0242357	3.0309395
	Se	3.9129329	3.9987963	2.0381038
	Se	-0.1796932	4.0358325	2.2176227
(CdSe)₁₀NH₂Me	Energy =	-25788.67776022		
	C	7.9165370	4.6577136	4.1563326
	H	7.2021468	4.4996200	4.9662388
	H	8.4363214	3.7158169	3.9717264
	H	8.6400845	5.4239840	4.4558243
	H	7.8195217	5.2358260	2.1659468
	N	7.1699000	5.0405213	2.9282914
	H	6.6434273	5.9003121	3.0855444
	Se	-2.9328764	1.5364738	-0.7738936
	Se	1.6509763	2.0423801	-1.7353814
	Se	6.1473882	3.1781100	-0.6818863
	Se	0.2441499	-1.9843052	0.2984507
	Se	4.3012285	-1.2047679	0.3524001
	Cd	-1.9978606	-0.6872670	0.1441873
	Cd	2.0316656	-0.2420648	-0.4984220
	Cd	5.9626648	0.7988656	0.2988000
	Cd	-0.5423231	2.5964568	-0.4640256
	Cd	3.5346104	3.2723967	-0.4117350
	Cd	5.6619197	3.4136632	2.0801574
	Cd	1.4339887	2.8264524	2.7174982
	Cd	-2.4946521	1.8281852	1.9535281
	Cd	4.0279185	0.0500337	2.7123068
	Cd	-0.0222396	-0.7277149	2.6525518
	Se	6.4211010	1.0586959	2.9933962
	Se	1.8111881	0.5463031	3.9770857
	Se	-2.6453158	-0.5899373	2.8482279
	Se	3.2490215	4.5099911	1.9199361
	Se	-0.8459937	3.8306459	1.8944909
(CdSe)₁₀NHMe₂	Energy =	-25828.00415348		
	N	7.8501160	3.9332920	2.7290711
	H	8.6866877	3.6549486	2.2144112
	Se	-2.9634743	2.2554416	-0.2027536
	Se	1.5207181	2.1935533	-1.7279721
	Se	6.2051468	2.6206603	-1.1199812
	Se	-0.2421774	-1.7453169	0.2478665
	Se	3.8452218	-1.5378303	-0.1333333
	Cd	-2.2696876	-0.1395844	0.4696368
	Cd	1.6708897	-0.2062308	-0.6720498
	Cd	5.7675773	0.2120999	-0.2976303
	Cd	-0.4192113	2.9298700	-0.1704196
	Cd	3.6776722	3.0518087	-0.5260048
	Cd	6.1040682	2.6961200	1.6740487
	Cd	1.9414328	2.6385842	2.7975120
	Cd	-2.1406105	2.2837518	2.4526911
	Cd	4.0661515	-0.4492447	2.3112398
	Cd	-0.0171599	-0.6509086	2.6846975
	Se	6.5987631	0.1740003	2.3149038
	Se	2.1102394	0.2452617	3.8762992
	Se	-2.5439657	-0.1459778	3.2337066
	Se	3.8735347	4.1243263	1.8947718
	Se	-0.2231328	4.0206281	2.2672430
	C	7.6928983	5.4025764	2.6111003
	H	7.6674441	5.6792193	1.5551580
	H	6.7458002	5.6930097	3.0720186
	H	8.5136043	5.9355993	3.1102414
	C	8.0076823	3.4998592	4.1390311
	H	8.1361415	2.4155061	4.1686129
	H	8.8664139	3.9904483	4.6166717

	H	7.1006379	3.7616276	4.6897505
(CdSe)₁₀NMe₃	Energy =	-25867.33209661		
	Se	-2.8622838	2.2458179	0.0508340
	Se	1.6174379	2.9418389	-1.3069105
	Se	6.2210556	3.6223588	-0.5574930
	Se	0.2170988	-1.4809854	-0.4146034
	Se	4.2923832	-0.8413931	-0.5891923
	Cd	-1.9533762	-0.1697146	0.1399489
	Cd	2.0068103	0.3827818	-0.8583232
	Cd	6.0361504	1.0635369	-0.2796000
	Cd	-0.3887610	3.1060181	0.3310296
	Cd	3.6788988	3.6801216	0.1117901
	Cd	6.1368633	3.0590323	2.1931163
	Cd	1.9743800	2.3262735	3.1942620
	Cd	-2.0681808	1.6880362	2.6579459
	Cd	4.3841360	-0.3348115	2.0509267
	Cd	0.3205578	-1.0087523	2.2225637
	Se	6.8409779	0.5143622	2.2879515
	Se	2.3442200	-0.2387205	3.6578442
	Se	-2.2453311	-0.8855688	2.8101200
	Se	3.7684770	4.1540156	2.7212936
	Se	-0.3193604	3.5786935	2.9695909
	N	7.8561755	4.3946037	3.2003533
	C	9.1579039	3.7091077	3.0220095
	H	9.1144162	2.7215345	3.4867568
	H	9.9701145	4.2943750	3.4797865
	H	9.3587829	3.5902273	1.9546637
	C	7.8834457	5.7162217	2.5300676
	H	8.6785448	6.3489607	2.9534456
	H	6.9187885	6.2107765	2.6674010
	H	8.0610164	5.5739728	1.4616326
	C	7.5616989	4.5618101	4.6424837
H	7.5421110	3.5813158	5.1239570	
H	8.3293414	5.1846171	5.1266511	
H	6.5853631	5.0387456	4.7585260	

Table S2 The frequencies in cm^{-1} of the most stable $(\text{CdSe})_n$, $(\text{CdSe})_n(\text{PH}_3)_m$ and $(\text{CdSe})_n(\text{PMe}_3)_m$ ($n = 3, 6, 10$, $m = 1 - n$)

	frequencies							
$(\text{CdSe})_3$	50.30	52.89	72.19	72.82	73.73	105.27	161.65	163.06
	200.37	230.60	276.95	277.03				
$(\text{CdSe})_6$	45.87	46.86	48.54	50.93	61.51	65.70	66.34	72.00
	73.75	87.37	89.28	96.47	98.74	101.93	102.50	110.34
	120.24	149.93	159.04	162.54	171.74	178.66	182.16	197.40
	201.32	222.85	231.29	231.94	277.88	299.23		
$(\text{CdSe})_{10}$	25.83	28.30	30.76	32.02	36.05	37.39	39.34	40.39
	43.01	46.87	52.45	53.38	57.92	61.34	65.42	66.40
	67.39	69.07	69.99	70.39	77.34	77.44	91.32	92.38
	109.98	110.41	113.71	115.18	133.65	133.89	134.70	138.53
	145.67	148.53	153.72	153.94	155.20	163.21	170.35	171.23
	177.30	185.01	185.53	188.17	191.06	193.04	195.93	208.47
	209.22	210.64	223.64	225.44	227.71	230.54		
$(\text{CdSe})_3\text{PH}_3$	28.97	40.27	54.00	56.35	63.88	65.34	77.34	97.96
	126.27	163.88	166.30	198.38	227.54	232.42	259.93	280.28
	283.04	990.92	1126.49	1127.00	2428.43	2443.84	2444.79	
$(\text{CdSe})_3\text{PH}_2\text{Me}$	22.75	30.16	42.82	54.79	57.97	63.27	64.05	78.61
	94.93	106.13	146.44	156.86	164.53	167.78	199.61	224.95
	265.93	282.88	287.18	684.62	689.48	727.55	975.66	1025.21
	1103.37	1325.89	1460.45	1464.67	2420.09	2431.90	3022.77	
	3100.81	3117.04						
$(\text{CdSe})_3\text{PMe}_2$	8.62	15.46	24.81	51.81	55.32	60.30	61.30	75.37
	95.10	102.08	111.09	156.69	163.40	165.72	179.29	197.81
	200.90	222.32	246.46	265.17	284.10	660.40	704.90	709.52
	724.88	829.48	960.68	994.65	1021.59	1311.48	1327.83	1453.78
	1456.29	1465.76	1468.36	2412.35	3008.22	3014.68	3088.30	3090.20
	3096.60	3098.23						
$(\text{CdSe})_3\text{PMe}_3$	17.17	21.10	24.78	50.54	57.65	59.84	61.17	76.98
	94.98	102.73	108.73	120.35	163.46	166.88	178.79	197.47
	198.38	199.65	219.66	230.89	232.96	265.39	285.46	291.96
	641.47	714.75	715.85	787.34	833.86	837.37	956.97	960.01
	967.37	1308.86	1312.34	1332.70	1447.73	1454.81	1457.49	1462.78
	1464.68	1476.55	2999.12	2999.63	3004.11	3072.72	3079.14	3081.61
	3090.65	3095.14	3097.57					

(CdSe)₆PH₃	14.33 64.36 100.62 161.20 176.35 2448.18	20.81 69.70 105.62 161.62 177.33 2460.41	43.93 70.40 107.69 176.35 190.34	45.85 81.67 117.32 177.33 203.37	46.75 85.84 123.95 190.34 986.79	49.60 92.36 146.02 203.37 1121.26	60.59 94.51 156.65 161.20 1125.01	61.13 99.22 158.80 161.62 2435.19
(CdSe)₆PH₂Me	17.18 63.65 102.68 161.11 228.68 1021.44 3099.74	27.66 68.96 107.72 161.21 232.47 1103.10 3108.23	42.83 69.56 108.94 169.58 234.59 1324.68	45.94 79.83 117.60 177.22 311.96 1464.09	46.75 85.30 124.81 177.74 686.24 1466.03	49.54 91.76 155.02 187.23 694.35 2429.86	59.31 98.66 157.21 201.92 731.51 2438.71	60.83 100.36 158.77 221.22 979.91 3024.06
(CdSe)₆PHMe₂	13.51 62.89 104.64 161.26 201.08 713.46 1454.11 3091.62	26.29 69.00 107.16 161.48 221.19 727.26 1457.13 3095.43	41.90 69.71 109.09 164.27 228.86 832.93 1466.02 3100.71	45.74 78.45 114.93 172.77 232.56 964.73 1468.03	46.51 85.11 117.80 176.79 234.99 992.76 2421.53	49.20 91.73 128.05 177.65 255.01 1022.94 3009.79	58.07 98.62 155.99 183.68 664.49 1315.36 3015.65	60.23 100.22 156.75 193.35 707.25 1329.61 3089.58
(CdSe)₆PMe₃	14.92 62.25 103.63 157.73 197.98 295.13 960.62 1462.14 3086.44	21.93 69.01 105.78 161.06 200.40 641.99 966.69 1463.40 3091.58	41.17 69.31 109.59 161.98 221.35 717.69 1310.65 1474.17 3093.95	44.65 78.18 111.65 170.98 228.24 719.18 1311.51 3001.82 3096.47	46.13 85.55 116.49 176.74 232.14 786.99 1335.31 3004.77	49.46 91.55 122.62 177.17 232.72 837.86 1445.76 3006.24	58.10 98.12 133.21 182.35 234.71 840.07 1452.19 3079.88	59.61 99.66 156.50 195.77 235.27 958.66 1455.60 3082.48
(CdSe)₁₀PH₃	25.38 39.99 65.54 86.84 134.99 163.53 190.98 229.62 2454.76	26.35 42.88 67.07 91.93 138.97 168.25 196.87 285.19	27.22 46.80 68.49 109.54 144.99 170.96 205.07 289.44	29.75 51.61 69.51 113.65 148.06 177.23 208.93 987.87	32.05 52.51 69.92 114.34 150.11 184.16 209.75 1123.31	35.85 57.68 71.41 116.07 153.57 185.95 215.13 1124.14	37.76 61.41 73.33 132.39 154.33 187.42 223.73 2429.51	38.11 64.19 77.34 134.10 155.54 190.04 226.74 2448.23

(CdSe)₁₀PH₂Me	0.72	13.94	26.40	28.66	29.81	31.33	34.84	37.38
	38.18	39.33	42.90	46.58	51.15	53.26	54.00	57.31
	62.48	62.90	65.56	66.90	66.97	68.83	70.23	72.24
	77.12	83.92	92.07	103.80	111.96	115.79	118.55	119.80
	133.09	133.14	134.65	138.28	145.41	148.97	150.87	153.46
	155.43	157.02	164.36	166.10	171.49	175.37	177.50	183.93
	185.89	188.42	190.19	191.52	198.26	202.48	209.04	210.46
	216.33	224.54	227.38	230.22	322.33	683.28	693.40	730.63
	978.72	1021.51	1102.47	1323.57	1465.78	1468.34	2426.78	2440.32
	3020.18	3103.44	3105.99					
(CdSe)₁₀PHMe₂	12.30	18.19	24.89	26.76	28.59	30.72	33.45	35.20
	37.09	39.88	40.74	42.88	48.07	51.91	54.33	57.47
	62.11	62.95	64.86	66.38	67.48	68.82	70.83	71.97
	76.61	84.72	92.32	106.70	111.53	112.26	114.61	118.44
	124.32	131.72	132.52	134.60	137.05	145.67	148.21	153.07
	154.72	156.50	163.69	166.75	171.11	173.53	177.29	181.59
	186.73	187.33	188.34	189.43	191.94	197.90	201.12	204.30
	208.21	210.28	215.43	224.70	227.32	230.04	251.85	665.14
	707.71	712.59	727.56	833.61	963.52	994.38	1022.15	1313.13
	1327.84	1455.58	1458.51	1466.33	1470.33	2418.01	3011.50	3012.63
3091.65	3093.98	3094.97	3095.58					
(CdSe)₁₀PMe₃	12.37	18.92	21.16	25.77	27.20	29.12	32.09	34.77
	37.49	38.01	40.22	42.04	46.76	51.35	52.72	56.92
	60.75	62.16	63.94	66.46	67.16	68.68	70.74	71.79
	77.90	84.26	91.94	108.37	109.55	111.26	112.27	115.03
	118.71	128.26	131.88	133.23	136.50	140.28	146.22	147.85
	155.04	156.72	163.98	167.07	171.12	177.31	180.35	181.49
	187.30	187.43	189.60	192.03	198.33	200.86	203.56	204.25
	210.29	215.55	224.14	227.00	229.83	231.04	235.60	296.88
	642.22	716.44	718.82	786.75	838.75	840.73	959.92	962.72
	968.68	1311.39	1313.10	1334.39	1449.50	1455.78	1458.04	1463.37
1466.57	1477.50	3001.74	3004.42	3008.19	3079.88	3081.19	3088.52	
3093.69	3094.21	3097.82						
(CdSe)₃NH₃	17.81	33.72	54.02	56.23	62.34	67.44	73.56	77.27
	98.50	163.69	165.79	197.37	225.85	241.06	264.54	282.79
	466.30	491.48	1161.42	1651.23	1656.98	3393.43	3515.15	
	3530.11							
(CdSe)₃NH₂Me	29.64	49.71	54.55	58.56	61.99	67.30	76.67	97.41
	152.63	161.60	165.70	180.89	197.72	224.60	260.46	273.21
	283.21	502.50	964.26	974.12	998.95	1193.80	1327.84	1452.72

	1493.44	1509.80	1643.88	3009.05	3079.83	3110.06	3418.26	3484.07
(CdSe)₃NHMe₂	7.86	20.58	41.24	52.82	53.44	61.99	65.00	74.76
	96.83	135.57	148.22	163.04	165.29	197.94	218.90	224.48
	235.07	269.00	282.94	320.90	382.37	870.84	955.58	1015.43
	1058.28	1120.65	1201.88	1256.16	1431.45	1442.26		1459.06
	1485.48	1497.62	1501.19	1509.90	2972.05	2976.25	3056.42	3067.60
	3097.81	3104.93	3422.29					
(CdSe)₃NMe₃	20.55	32.54	41.90	52.14	57.46	62.38	65.06	76.23
	95.48	136.52	143.85	151.78	160.38	168.16	198.63	223.96
	237.89	265.63	268.50	279.88	283.78	391.08	391.32	416.84
	797.14	997.64	1000.45	1052.43	1104.30	1105.65		1220.84
	1257.97	1261.82	1424.13	1428.60	1464.42	1478.95	1480.38	1481.94
	1502.06	1503.93	1505.07	2950.98	2953.97	2960.12	3051.23	3053.78
	3062.03	3088.55	3092.02	3099.62				
(CdSe)₆NH₃	36.35	36.57	44.66	46.45	47.07	49.26	60.15	60.79
	64.96	68.91	70.12	72.58	83.34	85.10	92.49	99.41
	100.55	103.70	108.11	117.30	123.58	156.38	158.76	160.76
	161.69	175.85	176.95	189.55	202.75	220.23	228.59	232.15
	233.72	265.99	499.75	511.25	1154.77	1653.90	1657.33	3408.93
	3519.68	3529.42						
(CdSe)₆NH₂Me	33.17	41.83	44.90	46.42	46.93	48.63	59.36	60.63
	64.12	69.66	69.88	81.46	84.73	91.56	99.47	100.26
	102.01	108.46	117.03	122.78	149.33	157.02	158.91	161.43
	161.71	171.14	176.19	177.51	189.28	202.58	220.66	228.75
	232.16	233.81	284.85	537.96	973.89	981.01	1002.60	1194.29
	1331.78	1450.96	1493.90	1509.60	1644.14	3004.02	3082.82	3114.74
	3412.02	3483.24						
(CdSe)₆NHMe₂	7.82	30.38	30.86	43.21	45.84	47.07	48.63	57.35
	60.85	63.22	67.41	70.35	79.15	84.25	90.22	95.86
	98.77	100.50	107.45	115.82	121.38	146.85	152.24	154.90
	157.60	160.06	161.92	175.54	176.19	188.64	201.40	216.05
	223.62	228.16	228.93	231.53	233.66	328.76	384.31	871.60
	964.97	1012.94	1056.56	1122.53	1206.18	1256.81	1430.21	1438.95
	1456.17	1488.14	1499.16	1500.64	1507.84	2977.58	2983.45	3060.95
	3062.47	3096.90	3100.85	3417.00				

(CdSe)₆NMe₃	23.61	25.27	36.62	44.13	46.05	46.92	47.27	59.96
	61.04	62.82	68.75	69.53	78.97	83.42	89.74	98.10
	99.80	100.40	106.11	115.82	120.60	147.77	149.26	153.02
	156.80	159.31	161.59	162.01	176.05	177.16	188.20	202.08
	221.51	228.93	231.19	233.78	254.06	275.56	289.65	389.79
	392.72	422.49	796.52	997.14	997.76	1052.54	1105.17	1106.68
	1221.84	1260.04	1261.43	1424.75	1426.38	1463.52	1478.89	1481.83
	1483.46	1500.43	1503.22	1507.92	2957.06	2958.69	2963.08	3054.26
	3057.29	3059.29	3091.51	3095.89	3096.75			
(CdSe)₁₀NH₃	26.31	29.10	30.79	31.66	32.53	36.01	38.37	39.09
	40.49	43.45	44.69	47.44	52.72	53.87	57.50	62.53
	63.13	66.23	67.70	68.72	68.97	69.84	74.32	76.36
	78.43	87.42	91.94	111.00	112.26	115.28	116.88	133.01
	134.67	135.13	138.55	145.09	149.09	152.75	154.88	155.45
	163.56	167.96	171.12	177.34	184.23	185.57	187.55	189.56
	191.29	197.25	204.25	208.46	209.91	215.07	223.98	226.84
	229.64	267.28	504.04	511.63	1163.78	1653.38	1657.17	3403.66
	3519.04	3522.86						
(CdSe)₁₀NH₂Me	18.61	24.93	27.27	30.02	32.10	35.24	38.49	38.56
	39.53	41.76	42.28	47.16	49.02	52.81	54.87	58.09
	61.76	63.03	66.69	67.14	68.47	69.48	70.68	72.69
	77.55	87.45	92.31	111.28	111.86	115.80	118.77	132.25
	133.42	134.30	137.84	146.04	147.82	153.13	154.35	156.10
	157.83	165.22	168.57	171.94	177.23	181.72	185.26	186.54
	188.41	190.24	192.32	197.22	204.69	207.95	210.48	215.24
	224.84	227.55	230.70	286.23	529.57	969.08	980.16	1000.54
	1195.13	1329.61	1449.38	1496.09	1507.92	1643.01	3005.48	3082.03
3107.44	3417.58	3485.58						
(CdSe)₁₀NHMe₂	15.99	23.42	25.69	26.60	28.83	32.61	36.06	37.09
	38.17	40.36	41.01	42.72	47.89	52.58	53.73	57.52
	61.69	63.32	65.74	66.61	68.67	69.18	70.55	73.14
	77.56	86.42	91.76	109.22	111.09	115.34	119.32	131.83
	133.34	135.07	138.65	146.00	147.88	150.93	153.12	154.39
	156.92	158.58	164.49	167.35	171.98	176.86	184.58	186.42
	187.89	189.83	192.17	198.04	203.19	208.18	210.70	215.94
	223.39	224.62	227.22	229.79	235.63	330.42	387.19	872.86
	959.23	1012.39	1056.64	1117.60	1206.35	1257.85	1429.82	1436.90
	1454.85	1484.86	1497.59	1500.84	1507.76	2977.53	2983.63	3056.83
	3064.81	3095.78	3104.01	3424.05				

(CdSe)₁₀NMe₃	21.27	22.25	25.15	29.96	32.44	32.65	33.79	37.50
	38.90	39.35	40.44	43.23	48.51	52.11	54.13	58.04
	62.18	63.54	65.46	67.35	67.68	69.01	70.02	72.16
	77.95	84.80	91.91	110.51	110.66	114.78	117.02	130.94
	132.85	134.13	137.61	144.48	145.45	148.37	149.35	153.25
	154.32	156.46	159.22	164.66	169.74	171.55	177.35	184.70
	186.92	187.72	189.81	191.84	196.80	204.17	207.92	210.18
	215.93	224.42	226.52	229.41	248.17	272.40	278.87	389.92
	393.82	423.94	797.24	995.45	997.25	1052.60	1103.71	1104.47
	1221.85	1258.68	1260.07	1427.21	1428.21	1465.33	1477.94	1481.34
	1482.13	1501.11	1502.93	1507.86	2956.23	2959.00	2963.78	3054.54
	3056.19	3063.38	3095.57	3098.65	3101.85			