

Cartesian Coordinates and Sum of Electronic and Thermal Free Energies for All of

the Calculated Structures

IMI ^A				H	1.34252900	-0.35681900	4.27218700
				I	1.32493600	-0.22519900	-1.00912600
C	-3.12924300	-0.39054000	0.28791400	O	3.45282600	-0.04080900	-1.37181500
C	-2.75264800	-1.72416900	0.23967500	C	4.23130500	0.30201000	-0.29035900
C	-3.88983000	-2.48111700	-0.14357700	C	4.65858500	1.79125700	-0.44714800
C	-4.92724300	-1.59045200	-0.31580300	C	5.47048200	-0.63937600	-0.33294100
N	-4.46938500	-0.32225100	-0.05122700	F	3.55203200	2.56545600	-0.45978800
H	-1.76845300	-2.11625600	0.45434700	F	5.44260300	2.22156400	0.56601400
H	-3.94055700	-3.55179700	-0.27977000	F	5.32031500	1.99772900	-1.59191200
H	-5.95470300	-1.75004200	-0.60995000	F	6.40505400	-0.30735800	0.59143700
C	-5.28136600	0.88294600	-0.11544700	F	6.06383800	-0.60493400	-1.53068100
H	-6.27563400	0.61536800	-0.47634500	F	5.08627900	-1.90381500	-0.08875900
H	-5.38769000	1.34113700	0.87471400	C	-0.73988900	-0.29722300	-0.24083800
H	-4.83095200	1.61009300	-0.79317200	C	-1.87509400	0.26740600	-0.09579300
C	-2.35644600	0.83843200	0.65688500	Si	-3.24496900	1.57754700	0.00783600
O	-2.35353500	1.72653800	-0.45528800	C	-4.09236200	1.51237300	-1.70391700
C	-1.88009400	3.03889500	-0.17261200	C	-3.12563000	1.86249400	-2.85187100
H	-0.79454300	3.06280100	-0.01387800	C	-5.38921000	2.34284500	-1.79610000
H	-2.11576000	3.64947100	-1.04663200	H	-4.36855000	0.45515100	-1.82478100
H	-2.38378100	3.46645700	0.70776500	H	-2.24877800	1.20783000	-2.85852400
C	-0.91398500	0.50131500	1.13684000	H	-3.62520800	1.74432300	-3.82062200
H	-0.45246100	1.39258900	1.57206100	H	-2.77733100	2.90028600	-2.79143300
H	-0.95408600	-0.26041900	1.92199800	H	-6.12386100	2.05635900	-1.03747400
C	-0.06851100	0.04672500	0.02918600	H	-5.20163600	3.41618400	-1.68713700
C	0.31776300	-0.28034100	-1.12748300	H	-5.86003900	2.19733700	-2.77588900
H	0.20741500	-0.59891700	-2.14713800	C	-2.20180800	3.16035000	0.31328100
H	-2.83670300	1.34924100	1.51232600	C	-1.49926000	3.14916600	1.68594500
Pt	2.05043500	-0.11691100	-0.02826900	C	-2.97984600	4.47539700	0.09960000
Cl	2.26809600	-2.44000700	0.11336300	H	-1.41866600	3.12189700	-0.45844100
Cl	2.25882000	2.22251600	-0.01477100	H	-0.88122600	2.25722500	1.82994800
IM2 ^A				H	-0.84477200	4.02335700	1.78718300
C	3.30134400	0.06958900	3.46340700	H	-2.21956900	3.18776700	2.51040100
C	4.06711200	0.24194600	2.31096700	H	-3.38433000	4.55704300	-0.91345400
C	3.47736100	0.13266200	1.04276500	H	-3.81363300	4.58128800	0.80128900
C	2.11770300	-0.12383000	1.01308300	H	-2.31553600	5.33434300	0.25543600
C	1.31830300	-0.30467700	2.12634600	C	-4.37933500	1.06311300	1.45764000
C	1.93709000	-0.20754000	3.37653900	C	-5.28524100	-0.13292800	1.10215400
H	3.77790500	0.14904700	4.43543300	C	-5.21529800	2.22783900	2.02852200
H	5.12530100	0.45460900	2.38696700	H	-3.69076700	0.72622500	2.24481400
H	0.26201400	-0.53628900	2.04927200	H	-4.71172200	-0.99499700	0.74608500

H	-5.84309300	-0.46106400	1.98704400	F	0.45760300	-2.72383900	2.40554300
H	-6.01799200	0.12565000	0.33024200	C	3.11629300	0.60430200	-0.05307300
H	-4.59217800	3.04414700	2.40611700	C	4.13798500	1.27515000	-0.08329600
H	-5.89933700	2.64885700	1.28340100	Si	5.67891600	2.33095500	-0.10927000
H	-5.82995700	1.87451400	2.86525800	C	5.09540900	3.99610300	-0.85157100
Pt	-2.03577400	-1.89261100	-0.01075700	C	4.66226500	3.84379200	-2.32335200
Cl	-2.01114200	-1.98041800	2.33755900	C	6.08614800	5.16530300	-0.68278800
Cl	-2.22843500	-2.19541900	-2.32463400	H	4.19558700	4.24615800	-0.27031600
IM3^A				H	3.91299200	3.05582500	-2.45152200
Pt	0.10509700	-0.00047200	-0.16974400	H	4.22599500	4.77842300	-2.69644000
Cl	0.12561400	-2.40809000	-0.18986100	H	5.51264300	3.60359100	-2.97170000
Cl	0.13329600	2.40742300	-0.19005500	H	6.31602400	5.36364500	0.36838400
C	-2.71811400	0.00232500	0.41846900	H	7.03359300	4.98161700	-1.20036000
O	-2.53879700	0.00099600	1.63088700	H	5.66321900	6.08629700	-1.10283100
O	-1.87120700	0.00283000	-0.55892000	C	6.90044900	1.37379000	-1.23303000
O	-4.01065900	0.00368500	-0.07972200	C	7.33994800	0.03939700	-0.59801100
H	-4.54504100	0.00321000	0.72668900	C	8.12357400	2.18663300	-1.70194200
C	3.16398000	-0.00201300	0.33153300	H	6.30709200	1.13344600	-2.12767900
N	2.02594800	-0.00254500	0.12307100	H	6.48617900	-0.57540700	-0.29245300
C	4.59348800	-0.00016300	0.60623500	H	7.93676000	-0.54948900	-1.30553100
H	4.94483000	1.02458600	0.76012700	H	7.96074000	0.20094300	0.29046100
H	4.80545200	-0.58422500	1.50724600	H	7.83528000	3.08360400	-2.25801900
H	5.14324200	-0.43862000	-0.23232200	H	8.75348800	2.50408800	-0.86415900
IM4^A				H	8.75279200	1.58037400	-2.36559200
C	3.15344600	-4.79126300	-0.89140500	C	6.23103700	2.43608800	1.72007700
C	1.82129400	-4.65518600	-0.50574600	C	5.20058900	3.19238600	2.58259200
C	1.25944000	-3.39045600	-0.26641000	C	7.65246200	2.98936500	1.94357500
C	2.12012700	-2.30818900	-0.40447900	H	6.23223700	1.38842000	2.05619000
C	3.44874600	-2.39957200	-0.77977000	H	4.19419100	2.77327800	2.48223900
C	3.96839000	-3.67027600	-1.03494900	H	5.47377500	3.14261600	3.64362700
H	3.55294600	-5.78292000	-1.07848400	H	5.14858800	4.25344500	2.31255600
H	1.20338800	-5.53521600	-0.39554300	H	8.41364000	2.39918600	1.42416300
H	4.06472800	-1.51198800	-0.87111400	H	7.74986800	4.02645800	1.60514100
H	5.00513900	-3.77218000	-1.33999400	H	7.90262900	2.97528600	3.01162800
I	1.28769000	-0.35219500	0.07714500	Pt	-2.35334200	-0.71285900	0.13440200
O	-0.53252900	-1.85012100	-0.04015900	Cl	-2.94416000	-1.22770900	-2.12019700
C	-0.21032400	-3.17854400	0.16891700	Cl	-1.62735200	-0.00056700	2.29542600
C	-1.16591800	-4.08648200	-0.67060900	C	-5.02431300	3.82025100	0.17102700
C	-0.32930400	-3.54344900	1.68545500	C	-4.45782500	3.76978200	1.43396400
F	-0.95526600	-3.89903000	-1.97725000	C	-5.09382800	4.75648600	2.23259000
F	-0.97069800	-5.40624000	-0.40939200	C	-6.02952400	5.38043100	1.43583000
F	-2.44712600	-3.83070800	-0.38818900	N	-5.98834300	4.81414200	0.18427900
F	0.07819300	-4.80868900	1.93054200	H	-3.68348800	3.08665000	1.75405300
F	-1.58610000	-3.42580600	2.12766200	H	-4.89558600	4.97601700	3.27207300

H	-6.72826800	6.17572600	1.65322700	Pt	-0.00010400	-0.83061900	-0.00024100
C	-6.81141400	5.22339400	-0.94150500	Cl	-0.00006700	1.57251900	-0.00076100
H	-7.58123300	5.90931300	-0.58361400	Cl	0.00000200	-3.22055100	0.00032400
H	-6.21677900	5.74075600	-1.70441700	C	4.81275700	1.26398600	-0.11903000
H	-7.28506800	4.35101800	-1.39476300	C	4.00505900	2.05077100	-0.92366200
C	-4.72944800	3.04097600	-1.07470500	C	4.85271000	2.86634900	-1.71813700
O	-5.89645600	2.30633200	-1.43776800	C	6.15107200	2.55593500	-1.37619100
C	-5.83667500	1.69602600	-2.72165000	N	6.13032900	1.58702700	-0.40180800
H	-5.14056400	0.84863400	-2.74642600	H	2.92407700	2.04368700	-0.93670900
H	-6.84247800	1.32889100	-2.93799500	H	4.54595900	3.59475500	-2.45518200
H	-5.54924100	2.42258400	-3.49835400	H	7.09182700	2.93791600	-1.74629000
C	-3.47947600	2.13212000	-0.92520800	C	7.31256800	1.00420800	0.21028800
H	-3.16401800	1.77087400	-1.90898100	H	8.19641100	1.49222400	-0.20409500
H	-2.65253200	2.72313200	-0.51777200	H	7.31236600	1.16262300	1.29483500
C	-3.72724900	0.95655400	-0.08368000	H	7.36164100	-0.06894100	0.01583300
C	-4.24941600	0.06484500	0.61455500	C	4.46942000	0.26005600	0.93810500
H	-4.95761600	-0.42227300	1.25457400	O	5.06610200	-0.99034200	0.59083500
H	-4.48919200	3.73744600	-1.90060700	C	5.10137400	-1.94411900	1.64026800
IM5^A				H	4.10526300	-2.33748200	1.88414500
C	-4.81248200	1.26411400	0.11928300	H	5.72143500	-2.77272800	1.29125300
C	-4.00441500	2.05091000	0.92353100	H	5.54880500	-1.52428300	2.55479700
C	-4.85169400	2.86672800	1.71815800	C	2.93815400	0.13142000	1.16404700
C	-6.15021000	2.55643900	1.37668600	H	2.74971100	-0.43530100	2.08136300
N	-6.12992100	1.58736300	0.40245900	H	2.49903300	1.12296600	1.30476400
H	-2.92343100	2.04366200	0.93623800	C	2.26739000	-0.54418000	0.04926200
H	-4.54459900	3.59518700	2.45500700	C	1.93200900	-1.12725400	-0.98943900
H	-7.09079400	2.93860900	1.74702400	H	1.97087200	-1.68935300	-1.89896500
C	-7.31241800	1.00475500	-0.20932900	H	4.88488500	0.58178200	1.91172000
H	-8.19609000	1.49260800	0.20560700	IM6^A			
H	-7.31269400	1.16352900	-1.29382600	C	3.82232100	-0.40536100	-0.24053600
H	-7.36139000	-0.06845800	-0.01519500	C	3.43769200	-1.72295400	-0.06500400
C	-4.46964700	0.25996300	-0.93780400	C	4.60415100	-2.47712800	0.23538200
O	-5.06628100	-0.99032200	-0.59006100	C	5.66735300	-1.59988700	0.23647400
C	-5.10208900	-1.94428200	-1.63931500	N	5.19371100	-0.34071700	-0.05047200
H	-4.10608700	-2.33757900	-1.88373000	H	2.42393200	-2.09462000	-0.12203100
H	-5.72184400	-2.77289700	-1.28977100	H	4.65372600	-3.53728300	0.44185700
H	-5.55012400	-1.52464400	-2.55363900	H	6.71994400	-1.75817100	0.42600300
C	-2.93848100	0.13119700	-1.16438300	C	6.01790500	0.84569700	-0.19053700
H	-2.75046800	-0.43553400	-2.08178200	H	6.97171900	0.67852800	0.31554100
H	-2.49932200	1.12269800	-1.30528400	H	6.22173000	1.07739500	-1.24431900
C	-2.26731000	-0.54446400	-0.04985400	H	5.51033900	1.69511900	0.26899700
C	-1.93229900	-1.12715400	0.98918700	C	3.02709800	0.81516400	-0.60202300
H	-1.97095800	-1.68941900	1.89861300	O	3.13173100	1.74712100	0.47807300
H	-4.88549600	0.58155900	-1.91130100	C	2.50604100	3.00126000	0.23404500

H	1.41209800	2.92528900	0.22308700	Pt	-1.27488400	-0.22658600	-0.02782600
H	2.80551200	3.66059100	1.05319000	Cl	-1.15111200	-2.55696500	0.19740500
H	2.84791500	3.44261900	-0.71712200	Cl	-1.43630900	2.20712400	-0.26663000
C	1.56399500	0.48742900	-0.98315400	O	-3.12897300	-0.51095600	-0.90725500
H	1.10647900	1.35664000	-1.46713300	C	-4.26039700	-0.29436500	-0.32729500
H	1.56184600	-0.31713600	-1.72669300	O	-4.47772400	0.25565800	0.76453400
C	0.71401100	0.12170700	0.15607700	O	-5.32380600	-0.72760300	-1.03721400
C	0.26496000	-0.10649600	1.29502900	H	-4.97290300	-1.16143000	-1.82985200
H	0.23725300	-0.31158700	2.34514100	Na	-3.17871600	1.72642800	1.57657500
H	3.47207100	1.28632600	-1.50078500	IM8^A			
Pt	-1.43345100	-0.08017700	0.02056300	C	3.55401700	-0.08949200	3.42639400
Cl	-1.29197700	-2.46667600	-0.10230500	C	4.34745500	-0.02080400	2.28178700
Cl	-1.53397700	2.32683000	0.02548900	C	3.76356800	-0.04782800	1.00626000
O	-3.30987600	-0.16123500	-0.81858600	C	2.38135400	-0.11572700	0.95623300
C	-4.31432400	-0.15267700	-0.00756000	C	1.55576200	-0.19118700	2.06509200
O	-5.50550100	-0.16480400	-0.71001400	C	2.16623900	-0.18118700	3.32234100
H	-6.16784100	-0.16298800	-0.00469900	H	4.02690800	-0.07706500	4.40427900
O	-4.33504100	-0.14171200	1.21990900	H	5.42387100	0.04571800	2.37018000
IM7^A				H	0.47615900	-0.27574100	1.98092200
C	3.98616600	-0.39280700	-0.22168300	H	1.54318400	-0.25181200	4.20858100
C	3.62427200	-1.70519800	0.03430100	I	1.54115700	-0.12352500	-1.04859500
C	4.79342600	-2.40695300	0.42856500	O	3.77481100	-0.20389800	-1.40959700
C	5.83501000	-1.50492800	0.40128800	C	4.56019000	0.00794100	-0.32091400
N	5.34856400	-0.28285700	0.00338200	C	5.21748300	1.41672200	-0.44876100
H	2.62798300	-2.11655100	-0.04740500	C	5.65820700	-1.09854000	-0.32535300
H	4.86173700	-3.44991900	0.70306500	F	4.25311700	2.35967900	-0.48315300
H	6.88294400	-1.62596300	0.63589800	F	6.04303100	1.72938300	0.58284000
C	6.15002700	0.91936000	-0.15286600	F	5.93848100	1.52903100	-1.57699500
H	7.17906000	0.69372600	0.13175300	F	6.62302900	-0.90691100	0.61693000
H	6.15021800	1.26150000	-1.19447200	F	6.28517100	-1.15889300	-1.50998000
H	5.76389000	1.72185200	0.47863300	F	5.10452100	-2.30059800	-0.08844500
C	3.18407200	0.77782100	-0.70026000	C	-0.43996900	0.11710800	-0.29026600
O	3.24245900	1.80689100	0.28738500	C	-1.49230200	0.80697700	-0.19705100
C	2.77602800	3.07473300	-0.15116200	Si	-2.62961600	2.29793500	-0.09891700
H	1.68758600	3.09354100	-0.29149500	C	-2.93349800	2.85610000	-1.91461500
H	3.03807500	3.79185200	0.63026300	C	-4.04731200	3.91470400	-2.05911400
H	3.26211100	3.38087600	-1.09078500	C	-3.18355800	1.68753800	-2.88931100
C	1.72335000	0.39398300	-1.06103700	H	-1.98431400	3.33362500	-2.20753600
H	1.24626600	1.22355800	-1.59243700	H	-3.90070800	4.78571700	-1.41242500
H	1.73381200	-0.45882600	-1.74812400	H	-4.09673900	4.27824300	-3.09433200
C	0.90574700	0.07635400	0.11421600	H	-5.02852800	3.48925700	-1.82268800
C	0.43930400	-0.12984300	1.24876000	H	-2.39962500	0.92744800	-2.84826100
H	0.43164600	-0.35808500	2.29535300	H	-4.12676200	1.17681200	-2.66992100
H	3.62292600	1.17329700	-1.63568000	H	-3.24532700	2.05947800	-3.92131000

C	-1.48870300	3.56627500	0.79962100	F	4.54676400	2.37850500	-0.31301100
C	-1.28391000	3.21432600	2.28632000	F	6.31834700	1.49472000	0.59551200
C	-1.86613900	5.05005400	0.62988800	F	6.08655900	1.48785500	-1.56404800
H	-0.51944200	3.42459000	0.29682300	F	6.59035600	-1.19658900	0.45492800
H	-0.98678000	2.17070800	2.42504000	F	6.20567700	-1.21655700	-1.68006500
H	-0.50761100	3.85064600	2.73216200	F	4.92031400	-2.34758900	-0.34123600
H	-2.20151400	3.36845800	2.86538000	C	-0.36157500	0.32760100	-0.23304700
H	-1.89680000	5.35006700	-0.42252100	C	-1.44867500	0.95192600	-0.11942500
H	-2.84312400	5.28012000	1.06983300	Si	-2.78284200	2.27561400	0.02712500
H	-1.12947300	5.69319000	1.13036400	C	-2.80884800	2.88826400	1.83937900
C	-4.19934400	1.85393300	0.89526100	C	-3.58333600	4.21162800	2.02377200
C	-5.17154600	0.91957900	0.14695700	C	-1.41348300	2.99733700	2.48647000
C	-4.94609400	3.09454100	1.42926600	H	-3.34957700	2.09626800	2.37726200
H	-3.81327300	1.29266200	1.75716800	H	-4.58624200	4.19179500	1.58678700
H	-4.71679500	-0.03194300	-0.14140100	H	-3.69682200	4.43489400	3.09154100
H	-6.02286700	0.67490600	0.79566700	H	-3.04342700	5.05407100	1.57763900
H	-5.58103900	1.39567700	-0.75241500	H	-0.87987400	2.04529400	2.46000700
H	-4.31458700	3.73065900	2.05762100	H	-0.79198300	3.75356900	1.99427400
H	-5.34034700	3.71808600	0.61826800	H	-1.51141200	3.29417600	3.53791500
H	-5.80386700	2.78310800	2.03945300	C	-4.41443500	1.37239000	-0.44082900
Pt	-1.90949100	-1.33282300	0.07649000	C	-4.50200000	1.08289400	-1.95367700
Cl	-2.04269200	-0.89192800	2.43673700	C	-5.70949600	2.04053200	0.05797300
Cl	-1.72876400	-1.84976300	-2.25415500	H	-4.32556300	0.41154900	0.08824100
C	-3.97507300	-3.34017700	0.14029700	H	-3.59146200	0.61018800	-2.34608500
O	-4.80429200	-2.50737400	-0.21771600	H	-5.37989700	0.45398200	-2.18354300
O	-2.72102300	-3.18560900	0.41778000	H	-4.64382200	1.99847200	-2.53610700
O	-4.35144300	-4.65253500	0.31276900	H	-5.71211600	2.15878800	1.14488800
H	-5.29377700	-4.64293700	0.09269400	H	-5.86553500	3.02891500	-0.38838200
IM9^A				H	-6.58258000	1.42795400	-0.20159900
C	3.71794600	-0.23044800	3.40860000	C	-2.27947200	3.56924200	-1.29806000
C	4.49020200	-0.15523200	2.25013600	C	-0.91729100	4.23260500	-1.01239700
C	3.87769500	-0.07153200	0.99052200	C	-3.35145200	4.64353400	-1.57904300
C	2.49379400	-0.04905000	0.97551100	H	-2.16517500	2.97357000	-2.21645100
C	1.68726500	-0.12412000	2.09636700	H	-0.12331100	3.49915500	-0.83943800
C	2.32514800	-0.22005800	3.33670600	H	-0.60854300	4.85793800	-1.85897000
H	4.21128000	-0.30155000	4.37300900	H	-0.96527100	4.88262200	-0.13198500
H	5.57015700	-0.16665500	2.31579600	H	-4.32009000	4.21434800	-1.85487300
H	0.60499600	-0.12891900	2.03177800	H	-3.51389500	5.29210600	-0.71265200
H	1.72118300	-0.29018100	4.23580200	H	-3.03459700	5.28756100	-2.40876700
I	1.66297700	0.10881400	-1.02462100	Pt	-1.74843200	-1.24980700	0.16462500
O	3.80050400	-0.04102400	-1.43066700	Cl	-1.98892900	-0.80301800	2.46607900
C	4.64139300	0.00984500	-0.34737400	Cl	-1.57929900	-1.77254300	-2.21049100
C	5.42226800	1.35576100	-0.40877900	O	-2.46153900	-3.14976200	0.58747400
C	5.60996200	-1.20163300	-0.48168200	C	-3.66906200	-3.53887600	0.35530700

O	-4.55968500	-2.95351600	-0.28169500	H	-2.59356600	-5.51932600	1.81643000
O	-3.95867800	-4.74833800	0.87954700	H	-1.28828500	-4.94657600	2.85551900
H	-3.17246800	-5.03988200	1.36606500	H	0.35220100	-6.49396200	-0.28064100
Na	-4.16369400	-1.74671900	-1.98611700	H	0.39412300	-6.58264000	1.48410000
IM10^A				H	-1.05693100	-7.07196200	0.60992200
C	-5.79569200	0.22071300	3.08525300	C	1.36211100	-3.21511200	2.37585500
C	-6.48475700	0.07056200	1.88247600	C	2.53007400	-2.21428000	2.27698900
C	-5.80663000	-0.31811300	0.71727000	C	1.81701100	-4.51073000	3.08047600
C	-4.44430700	-0.53697400	0.83374300	H	0.58756400	-2.74827500	3.00002000
C	-3.71888300	-0.38882900	2.00252900	H	2.20573700	-1.25132600	1.87632600
C	-4.42045000	-0.00289700	3.14854000	H	2.94657900	-2.02224600	3.27361400
H	-6.33910600	0.52005500	3.97610700	H	3.34611700	-2.58983100	1.65160900
H	-7.55039000	0.25251000	1.84071400	H	0.98619000	-5.19236700	3.28482200
H	-2.64606200	-0.54184200	2.03712400	H	2.56054300	-5.05995400	2.49270200
H	-3.87931000	0.12341700	4.08095100	H	2.28434800	-4.26942000	4.04312000
I	-3.50446200	-1.11131200	-1.03309100	Pt	-0.06334700	0.24847900	0.02893700
O	-5.60175400	-0.96217900	-1.61125600	Cl	-0.10919800	0.42016200	2.40822800
C	-6.47406600	-0.49006800	-0.66189600	Cl	-0.06931500	0.10595100	-2.36038100
C	-7.63371300	-1.52390000	-0.56331600	C	5.97542000	0.79605700	2.97839000
C	-6.99998600	0.89180300	-1.15102900	C	6.51171800	0.27207600	1.80292500
F	-7.16148000	-2.68015700	-0.06096600	C	5.76565100	0.28091400	0.61511700
F	-8.63868200	-1.10717900	0.24569300	C	4.49246900	0.82216900	0.68059500
F	-8.16644600	-1.77796300	-1.76370400	C	3.91572600	1.33420200	1.82930600
F	-7.89969900	1.44550100	-0.30602900	C	4.68310700	1.32050000	2.99732100
F	-7.57855900	0.79980400	-2.35422700	H	6.57027200	0.78540000	3.88636900
F	-5.96106300	1.74855700	-1.25321800	H	7.51069500	-0.14392200	1.80101400
C	-1.56054100	-1.30133800	-0.03707900	H	2.90103500	1.71494400	1.83128400
C	-0.60859900	-2.04244400	0.30631200	H	4.25998700	1.71689500	3.91493600
Si	0.51468100	-3.51972800	0.69051600	I	3.43477800	0.75691800	-1.21362100
C	1.73235500	-3.62309900	-0.77799700	O	5.40995400	0.01412800	-1.76246100
C	1.01226400	-3.77185600	-2.13290300	C	6.24725100	-0.30991300	-0.72516400
C	2.83524700	-4.69097500	-0.61778500	C	7.64909800	0.25298800	-1.09905000
H	2.23443300	-2.64489800	-0.77959100	C	6.29398100	-1.86345300	-0.59912700
H	0.31925100	-2.94634900	-2.31986000	F	7.62085100	1.59725200	-1.07160600
H	1.74185000	-3.77712300	-2.95164000	F	8.61808600	-0.15389000	-0.24090800
H	0.45267400	-4.71279800	-2.19457900	F	8.01613700	-0.13331500	-2.32548900
H	3.40479000	-4.57294300	0.30841100	F	7.09130100	-2.29130400	0.40302900
H	2.42886100	-5.70750800	-0.63441200	F	6.71315700	-2.44039100	-1.73105000
H	3.55113900	-4.61413100	-1.44433100	F	5.04377800	-2.32147900	-0.34130400
C	-0.81408500	-4.90995000	0.71009900	C	1.65431000	1.60635100	-0.27330600
C	-1.79021400	-4.77687200	1.89660900	C	0.75825600	2.43129500	0.01399800
C	-0.24025500	-6.33935400	0.62561600	Si	-0.19084100	4.04367000	0.33085300
H	-1.39306300	-4.74194900	-0.20993700	C	-1.98682200	3.58811800	0.78521500
H	-2.25823700	-3.78822100	1.94071100	C	-2.76747000	3.04243100	-0.42760200

C	-2.76897300	4.72814700	1.46930000	F	4.04927400	2.38785800	-0.66310900
H	-1.88504400	2.77189800	1.51393700	F	5.87863100	1.90614000	0.41583600
H	-2.25255000	2.20464300	-0.90907200	F	5.73467700	1.50129500	-1.71394500
H	-3.76105300	2.69297800	-0.12509200	F	6.51953900	-0.70491900	0.68778800
H	-2.91964400	3.81300200	-1.19154600	F	6.15011800	-1.15801500	-1.40161000
H	-2.28385600	5.07382200	2.38700200	F	5.01712400	-2.18546800	0.14188800
H	-2.89416500	5.59543700	0.81194800	C	-0.55733800	0.13515800	-0.22908300
H	-3.77461000	4.38438900	1.74042700	C	-1.62985900	0.77711500	-0.09893800
C	-0.03690900	4.93967000	-1.35762100	Si	-2.93423900	2.14330400	-0.01722700
C	1.42317000	5.27333200	-1.72165000	C	-3.74366700	2.14262900	-1.75022400
C	-0.93566700	6.18558300	-1.49914000	C	-2.73170400	2.44059500	-2.87342900
H	-0.39443700	4.19514900	-2.08373000	C	-4.98538000	3.04998500	-1.86685900
H	2.06793900	4.38878000	-1.69595700	H	-4.07757400	1.10403300	-1.88626700
H	1.48086800	5.69005400	-2.73451000	H	-1.90113200	1.72889600	-2.86708900
H	1.85222800	6.01849900	-1.04186400	H	-3.21674600	2.36593000	-3.85426400
H	-1.99381900	5.95434500	-1.34626000	H	-2.31772800	3.45280900	-2.79351900
H	-0.66274800	6.97501600	-0.79108300	H	-5.74905500	2.81174200	-1.12007700
H	-0.83803100	6.60919800	-2.50645200	H	-4.73319500	4.10989300	-1.75480300
C	0.81449000	4.87725000	1.73566200	H	-5.44773500	2.93359800	-2.85496400
C	0.65545800	4.16018000	3.09095800	C	-1.82751300	3.67435500	0.32780600
C	0.56142300	6.39152000	1.88714900	C	-1.16102100	3.61441200	1.71689100
H	1.86082800	4.75432600	1.41764700	C	-2.52254800	5.03272200	0.10531300
H	0.83585000	3.08366500	3.02043300	H	-1.02648000	3.59553100	-0.42246600
H	1.35393900	4.57688000	3.82770600	H	-0.60047800	2.68639200	1.86629100
H	-0.35407200	4.29041800	3.49662500	H	-0.45897800	4.44803900	1.84243600
H	0.77613900	6.94424300	0.96807400	H	-1.89789200	3.68856400	2.52436200
H	-0.47366300	6.60820600	2.17223200	H	-2.89568000	5.14280200	-0.91705400
H	1.20428000	6.80501200	2.67433500	H	-3.36748600	5.18049800	0.78585900
IM11^A				H	-1.81651100	5.85326200	0.28473100
C	3.47607600	0.29569100	3.46776800	C	-4.14587600	1.69736400	1.39264800
C	4.25875100	0.27686800	2.31392200	C	-5.11073200	0.56046600	1.00026200
C	3.66239800	0.12757400	1.05304500	C	-4.92788000	2.90228300	1.95565100
C	2.28157900	0.03298000	1.02649900	H	-3.50278200	1.30992100	2.19457100
C	1.46577900	0.03977800	2.14336300	H	-4.57408100	-0.33125200	0.66240700
C	2.08916000	0.17038800	3.38807100	H	-5.72091600	0.26701700	1.86337800
H	3.95682900	0.40371700	4.43517500	H	-5.79818200	0.86434500	0.20261500
H	5.33448900	0.36984100	2.38443400	H	-4.26947500	3.68068000	2.35287000
H	0.38969900	-0.07775100	2.07213400	H	-5.57289500	3.36665500	1.20111600
H	1.47966700	0.16674400	4.28627600	H	-5.57892600	2.57771100	2.77696500
I	1.47251000	-0.13840600	-0.98180600	Pt	-1.97699800	-1.43791100	-0.02620700
O	3.62663000	-0.26243100	-1.33489900	Cl	-1.96434500	-1.34251700	2.36466400
C	4.43556800	0.08002200	-0.28096500	Cl	-2.00927100	-1.59439600	-2.40720300
C	5.04742100	1.48409800	-0.56439500	C	-3.28083300	-4.33865100	0.13295300
C	5.55142000	-1.00407400	-0.21491400	C	-3.84921900	-5.67640900	0.19458400

H	-4.62916400	-5.71193300	0.96012400	H	1.73706900	3.68316100	3.59184700
H	-4.28008700	-5.94126300	-0.77478400	H	0.01439500	3.55267000	3.22012500
H	-3.06619300	-6.39631500	0.44881300	H	1.32763700	6.67126600	1.40108700
N	-2.82749000	-3.27870400	0.08324400	H	0.22250700	6.12200600	2.66826900
IM12^A				H	1.96329800	6.05153800	2.92646700
C	2.97268200	-1.97355200	3.47159600	C	-1.74179900	4.78942500	0.49065100
C	3.76339600	-2.33742100	2.38243700	C	-2.86441200	4.10808500	-0.31486400
C	3.47974500	-1.84347800	1.10016400	C	-1.85388500	6.32355200	0.33591200
C	2.40634300	-0.97609400	0.98977300	H	-1.90845000	4.54554400	1.55014700
C	1.59115800	-0.59427200	2.04096700	H	-2.90471600	3.03310200	-0.12441100
C	1.88862400	-1.11184000	3.30517900	H	-3.83696000	4.53043800	-0.03185400
H	3.20565700	-2.37014300	4.45495100	H	-2.74455500	4.25584500	-1.39307700
H	4.60026700	-3.00954500	2.51839600	H	-1.10413600	6.87344700	0.91078100
H	0.74333800	0.06694500	1.90080300	H	-1.75729000	6.62531200	-0.71282100
H	1.26488100	-0.83444900	4.14918200	H	-2.83978200	6.66274000	0.67642900
I	2.08851000	-0.25488900	-1.03190000	Pt	-1.55757100	0.71291700	-0.35997400
O	3.71626000	-1.68011000	-1.30441500	Cl	-1.88713300	0.98929600	2.00075000
C	4.28576100	-2.19518200	-0.16703700	Cl	-1.22372000	0.49242200	-2.71668200
C	5.72296200	-1.60958600	-0.03838600	C	-4.95444300	-3.50270800	-0.17394700
C	4.33054800	-3.74039900	-0.35493300	C	-4.45696100	-3.59650700	-1.46364000
F	5.64216100	-0.27036700	0.10491200	C	-5.29174100	-4.48827600	-2.18644000
F	6.39505100	-2.09142300	1.03284600	C	-6.27317300	-4.91466200	-1.31813300
F	6.45923700	-1.86579500	-1.12687900	N	-6.06994800	-4.31919800	-0.09655600
F	4.99374900	-4.37206500	0.64542900	H	-3.59160900	-3.07681100	-1.85011300
F	4.93127100	-4.07309800	-1.50294600	H	-5.18870400	-4.77752000	-3.22249100
F	3.07680600	-4.22788900	-0.37991000	H	-7.10568900	-5.58758300	-1.46622600
C	0.56601500	1.14134700	-0.32222400	C	-6.88354900	-4.55155200	1.08580100
C	0.09599000	2.28728300	-0.11647800	H	-7.77384900	-5.11173700	0.79503200
Si	0.03440700	4.16667800	0.14074700	H	-6.33843800	-5.13680200	1.83626600
C	0.83544800	4.76272000	-1.50049900	H	-7.18227800	-3.59980700	1.52754100
C	1.35713400	6.21376200	-1.48192000	C	-4.46083900	-2.74344600	1.01982300
C	-0.05961400	4.51315400	-2.73078200	O	-5.47548100	-1.83387600	1.43630700
H	1.71531600	4.10828600	-1.60003200	C	-5.26554200	-1.25570700	2.71907600
H	2.09365300	6.38153900	-0.69008700	H	-4.44279200	-0.53008200	2.71866200
H	1.84672200	6.44925800	-2.43513600	H	-6.18997200	-0.73606300	2.98059000
H	0.54858000	6.94012800	-1.34826700	H	-5.06391800	-2.02700400	3.47883000
H	-0.39824000	3.47435600	-2.79654200	C	-3.10677300	-2.02696400	0.75022400
H	-0.94634600	5.15680500	-2.71844500	H	-2.69054800	-1.66154200	1.69285700
H	0.48874700	4.74093800	-3.65333100	H	-2.39329000	-2.74645700	0.33531800
C	1.21701100	4.46917400	1.62760100	C	-3.25120400	-0.88056100	-0.14880400
C	1.01857200	3.47583900	2.78872500	C	-3.59219000	0.04705800	-0.89193900
C	1.17738500	5.91229000	2.17397700	H	-4.12662100	0.60649500	-1.63151000
H	2.22217500	4.29984700	1.21106700	H	-4.25790000	-3.44342100	1.85208900
H	1.15721700	2.43932700	2.47505100	1^A			

C	-3.64157000	-0.42912000	0.38333500	H	-3.60872200	-2.70046500	-1.51845100
C	-3.24181400	-1.74343400	0.20556600	H	-3.47181000	-1.01125800	-2.05939100
C	-4.40594900	-2.52046800	-0.03196600	H	-2.03206500	-1.87274200	-1.42839900
C	-5.48177400	-1.65998600	0.00772100	C	-2.90552800	1.18494000	-0.30125100
N	-5.02038300	-0.39042700	0.26014300	O	-3.87028600	1.29905200	-1.33940600
H	-2.22368100	-2.10635100	0.22941400	C	-3.88946600	2.56675100	-1.97553700
H	-4.44828200	-3.58402900	-0.21890500	H	-2.96767800	2.76912100	-2.53781700
H	-6.53853100	-1.84052700	-0.12887800	H	-4.72988500	2.55571700	-2.67287000
C	-5.86145900	0.78546100	0.41026200	H	-4.04065400	3.37747600	-1.24705900
H	-6.87333200	0.53850100	0.08421300	C	-1.44335000	1.15793800	-0.85176400
H	-5.90715800	1.11398600	1.45586600	H	-1.40885900	0.63579100	-1.81485300
H	-5.47339200	1.60187100	-0.20088400	H	-1.05545700	2.16726300	-1.01659600
C	-2.85400300	0.80840200	0.68951600	C	-0.60471100	0.42053000	0.12654600
O	-3.02268400	1.73253500	-0.38358600	C	-0.98950100	-0.24247800	1.14487800
C	-2.51529100	3.03671500	-0.12957000	H	-0.96317200	-0.90562800	1.98452900
H	-1.41835800	3.06147100	-0.12155800	H	-2.98808900	2.04771600	0.37759700
H	-2.87191000	3.67294900	-0.94268400	Pt	1.38406300	0.05327300	0.07881700
H	-2.89180400	3.43620600	0.82534100	Cl	1.79360000	2.00114700	1.38952600
C	-1.35765300	0.50254300	0.97339300	Cl	0.94947900	-1.87962000	-1.27536100
H	-0.87588600	1.38229600	1.41104900	C	5.97609900	-0.54854000	-0.45002000
H	-1.28550900	-0.30457700	1.70921600	H	6.45877300	-0.68936700	0.52105100
C	-0.61818200	0.14611100	-0.24072500	H	6.39846500	0.33785000	-0.93148200
C	-0.21784200	-0.08090900	-1.39319300	H	6.16894900	-1.42349500	-1.07678700
H	-0.22116700	-0.30122200	-2.44102000	C	4.54201500	-0.37585400	-0.26872200
H	-3.23804300	1.27774300	1.61486200	N	3.40486100	-0.23992200	-0.12318100
Pt	1.58054900	-0.06527500	-0.23336300	2A			
Cl	1.48918300	-2.44661200	-0.20881000	C	2.83268700	-0.09988900	-0.68335500
Cl	1.70160900	2.32438200	-0.20388400	C	3.80914200	0.01758100	-1.79996300
C	4.60861600	-0.21108500	0.73427500	C	4.76087900	-0.94294400	-1.71883300
N	3.50730000	-0.15373900	0.39571100	C	4.46355400	-1.71999700	-0.54427700
C	5.99732300	-0.28633600	1.16111300	N	3.40145900	-1.27591300	0.06479200
H	6.27867100	0.63838200	1.67221800	H	3.71345800	0.78380800	-2.55895400
H	6.13081900	-1.13234500	1.84083600	H	5.59183700	-1.12871000	-2.38467500
H	6.64195100	-0.42346500	0.28838200	H	5.00358800	-2.58479400	-0.17261200
TS1^A				C	2.77368200	-1.84238000	1.25512800
C	-3.22815600	-0.03001800	0.53301800	H	3.25074700	-2.79530200	1.48894400
C	-3.59411600	-0.06887000	1.88864600	H	2.90637800	-1.14330100	2.08333300
C	-4.00326100	-1.38273500	2.19151800	H	1.70412000	-1.98969900	1.06113100
C	-3.90685400	-2.10796900	1.01410900	C	2.73358400	1.17963200	0.22530900
N	-3.46180100	-1.29529000	0.01264500	O	3.77910700	1.15775400	1.17598900
H	-3.56773800	0.78259500	2.55475200	C	3.92392500	2.38434300	1.87728900
H	-4.33627700	-1.76234900	3.14646500	H	3.03277400	2.62581400	2.47086700
H	-4.10666700	-3.15239800	0.81953800	H	4.77800300	2.26708200	2.54775600
C	-3.11608700	-1.74419300	-1.33472100	H	4.12138500	3.21775400	1.18682400

C	1.28612100	1.16438400	0.76913000	Pt	1.88758605	0.68913296	1.15432979
H	1.25082400	0.74486400	1.78275200	N	3.92673059	0.86864217	1.26462930
H	0.84696300	2.16529100	0.81325000	C	5.08090538	0.96854543	1.32378927
C	0.53193400	0.28293400	-0.20001800	C	6.52494055	1.08591687	1.38283479
C	1.37760800	-0.34587200	-1.04380300	H	6.87714696	1.63705128	0.53222952
H	1.11516400	-1.06759000	-1.80668300	H	6.80404407	1.60009880	2.28149265
H	2.85508200	2.04495700	-0.44428100	H	6.95887600	0.10724681	1.38173175
Pt	-1.40851900	0.03701300	-0.08364500	3A			
Cl	-1.73332900	2.29090200	-0.82115500	C	-3.29562800	-0.41498200	0.23798500
Cl	-1.02985400	-2.20905700	0.70571100	C	-2.67512600	-1.74216200	0.49112100
C	-6.09284500	-0.49356600	0.24954400	C	-3.28174400	-2.59014400	-0.58767700
H	-6.40350300	-1.44418200	-0.19281900	C	-4.06343500	-1.81550400	-1.34893400
H	-6.58688500	0.32506300	-0.28107700	N	-4.05439300	-0.48024100	-0.83647500
H	-6.40065900	-0.47354700	1.29880600	H	-2.87051700	-2.12710500	1.50240800
C	-4.64693400	-0.34618500	0.15117600	H	-3.07918800	-3.64196200	-0.73161100
N	-3.50054400	-0.22640000	0.07270100	H	-4.63855600	-2.02323200	-2.24001000
TS1^A				C	-4.71394400	0.60736200	-1.57119600
C	-2.93426660	-0.43228905	0.22526078	H	-5.76927900	0.35399300	-1.69930400
C	-3.00444010	-0.28751394	1.57391888	H	-4.60719400	1.53013900	-1.01017700
C	-3.37440436	-1.56231908	2.02513639	H	-4.24103100	0.70277000	-2.55205900
C	-3.58146720	-2.35761717	0.93758494	C	-2.82547600	0.75070000	1.02176600
N	-3.30547020	-1.64828510	-0.16899183	O	-3.63467000	1.89098900	0.82009600
H	-3.69446876	0.44850203	1.92951984	C	-3.31988700	2.98301700	1.67883400
H	-3.47713753	-1.86314058	3.05061181	H	-2.33699600	3.41119700	1.45382400
H	-3.90518243	-3.37642336	0.96257473	H	-4.08780600	3.73995200	1.50996200
C	-3.38464193	-2.13115830	-1.55798450	H	-3.34450300	2.67473900	2.73365800
H	-4.14363270	-2.87984199	-1.63449036	C	-1.31755700	0.95192700	0.62311400
H	-3.62423195	-1.31694873	-2.20839979	H	-1.29491600	1.57745700	-0.27764700
H	-2.44165267	-2.54904986	-1.84177252	H	-0.81825600	1.51158200	1.42014100
C	-2.40488023	0.77247321	-0.53589680	C	-0.55667000	-0.31766600	0.34033300
O	-2.90654943	0.75619832	-1.87963231	C	-1.14944700	-1.52011800	0.26480200
C	-2.46293076	1.89962928	-2.63491387	H	-0.59776900	-2.42201000	0.02584900
H	-1.38718142	1.93834949	-2.65356579	H	-2.85587800	0.45534100	2.08337300
H	-2.83716403	1.82573134	-3.63733036	Pt	1.38427300	-0.07162200	0.02709000
H	-2.83413673	2.78758848	-2.18554027	Cl	1.89643000	-1.15923700	2.09388900
C	-0.81412428	0.80606100	-0.54204409	Cl	0.85127200	1.04050600	-2.04611200
H	-0.42534463	0.06564165	-1.20791510	C	5.99155800	0.55035900	-0.77930300
H	-0.54908904	1.78067148	-0.88836987	H	6.53529200	-0.37178500	-0.55586800
C	-0.14330719	0.53326913	0.89537330	H	6.37845100	1.35184900	-0.14361900
C	-0.86468687	0.16898120	1.99567968	H	6.15684000	0.81689100	-1.82690500
H	-0.50548848	0.27412594	3.01291086	C	4.56836000	0.36113300	-0.53268200
H	-2.74676188	1.64506808	-0.02447911	N	3.43988000	0.21076300	-0.33595600
Cl	1.68784552	2.72764563	2.16497677	TS2^A			
Cl	2.08757399	-1.37994682	0.19100538	C	-2.95115800	-0.09011700	0.41285400

C	-2.82331800	-0.38536900	1.84540300	H	-4.60950900	1.52719700	-1.00929400
C	-3.66080900	-1.47780400	2.14276600	H	-4.24088300	0.70041000	-2.55086600
C	-4.35812700	-1.76913700	0.97898000	C	-2.82585800	0.75037000	1.02204700
N	-4.02767600	-0.93977400	-0.03379400	O	-3.63584900	1.88998200	0.81981100
H	-2.27011400	0.22876500	2.54051900	C	-3.32151800	2.98282200	1.67767600
H	-3.75038900	-1.99741300	3.08473900	H	-2.33900200	3.41151100	1.45200400
H	-5.08143400	-2.55876400	0.81231100	H	-4.09003000	3.73910300	1.50857000
C	-4.39436000	-1.13680000	-1.43166900	H	-3.34554600	2.67526500	2.73272600
H	-5.14346200	-1.92905700	-1.48572100	C	-1.31812300	0.95234100	0.62302300
H	-4.79162300	-0.21414800	-1.85211500	H	-1.29597400	1.57745600	-0.27804000
H	-3.51059500	-1.42710000	-2.00914000	H	-0.81902300	1.51267300	1.41970600
C	-2.75110300	1.35440000	-0.05368500	C	-0.55654600	-0.31690100	0.34065300
O	-3.01465500	1.40824000	-1.44425400	C	-1.14859700	-1.51977400	0.26589100
C	-3.08751000	2.72525300	-1.96637700	H	-0.59641100	-2.42141800	0.02717900
H	-2.13644400	3.26360000	-1.87033600	H	-2.85586800	0.45561800	2.08383900
H	-3.32907700	2.63001200	-3.02681400	Pt	1.38411600	-0.07029800	0.02604300
H	-3.87497500	3.31063800	-1.46736900	Cl	1.89809900	-1.15873900	2.09207600
C	-1.25973000	1.60961500	0.29577100	Cl	0.84948900	1.04237500	-2.04633800
H	-0.78491500	2.31437500	-0.38943400	C	5.99351900	0.54427000	-0.77361800
H	-1.15411700	2.05695000	1.29317400	H	6.26497400	1.59414700	-0.63154600
C	-0.58272900	0.25071200	0.26581000	H	6.24016400	0.25060400	-1.79776500
C	-1.52960200	-0.73593500	0.37522300	H	6.57216200	-0.06950800	-0.07771400
H	-1.38168500	-1.80503800	0.34687300	C	4.56893300	0.35963300	-0.53151700
H	-3.43161000	2.03849100	0.47807700	N	3.43967100	0.21187600	-0.33731800
Pt	1.33177700	-0.01809700	0.04273800	TS3^A			
Cl	1.78901400	1.96570400	1.31750500	C	3.14968900	0.10224400	-0.31345200
Cl	0.97904000	-2.02282500	-1.22165400	C	2.84630500	-0.44204700	-1.64970300
C	5.99988400	-0.60769800	-0.42388600	C	3.73831600	-1.63164200	-1.74298200
H	6.28927100	-1.61160700	-0.10126500	C	4.37041900	-1.76683800	-0.56611700
H	6.52445800	0.13059300	0.18876100	N	4.02618000	-0.70628900	0.30660100
H	6.28979800	-0.47391100	-1.46982800	H	2.81159900	0.24144100	-2.50182500
C	4.56069400	-0.43526300	-0.28256300	H	3.82219000	-2.28502000	-2.59928200
N	3.41993700	-0.29605800	-0.17095000	H	5.04637900	-2.53374600	-0.21353700
4^A				C	4.34475700	-0.75594900	1.73631200
C	-3.29541600	-0.41609400	0.23908600	H	5.34889900	-1.16993000	1.84992100
C	-2.67404700	-1.74272900	0.49292900	H	4.29683900	0.24616400	2.15159400
C	-3.28039600	-2.59176400	-0.58519000	H	3.62197200	-1.39028100	2.25860000
C	-4.06266900	-1.81805700	-1.34680700	C	2.61751300	1.44587600	0.10196500
N	-4.05439300	-0.48249100	-0.83514600	O	2.54043300	1.51201300	1.51453000
H	-2.86885400	-2.12712400	1.50453000	C	2.29672200	2.81412600	2.02898800
H	-3.07723900	-3.64355000	-0.72850500	H	1.30046500	3.18450900	1.76272600
H	-4.63779300	-2.02668700	-2.23767000	H	2.36096800	2.73342800	3.11553600
C	-4.71460100	0.60431200	-1.57045500	H	3.05155900	3.53205200	1.67354600
H	-5.76947800	0.34958600	-1.69956700	C	1.24841200	1.59883600	-0.59878000

H	0.62335400	2.32124500	-0.07764600	H	0.02576481	3.33646311	0.66035224
H	1.37794800	1.99679700	-1.61558200	C	-0.13747577	-0.25841008	0.00626132
C	0.60267900	0.22512200	-0.65664100	Pt	2.02632991	0.32621535	0.29567123
C	1.43255500	-0.77847600	-1.06508100	Cl	1.54677375	2.54654249	0.05690187
H	1.18878100	-1.82651500	-0.95275900	Cl	2.50274786	-1.89528806	0.59067762
H	3.33079900	2.21303500	-0.26012100	N	4.01662616	0.80112823	0.42088530
Pt	-1.26785300	-0.06260000	-0.16012800	C	5.14368324	1.06679752	0.48989389
Cl	-1.90512000	1.94343400	-1.32304800	C	6.55620781	1.38497011	0.56761488
Cl	-0.72435500	-2.06727400	1.03606100	H	6.96538886	1.45407905	-0.42189138
C	-5.81564000	-0.72417100	0.94197600	H	6.68285677	2.32261149	1.07224985
H	-6.01525400	-1.79075700	1.07699800	H	7.06196008	0.61474798	1.11265505
H	-6.44586100	-0.34155900	0.13434300	TS4^{3A}			
H	-6.06415000	-0.19583200	1.86671900	C	1.36062252	-1.90428032	0.45298164
C	-4.41155800	-0.51950100	0.61340400	C	2.31439152	-2.71562032	1.25548564
N	-3.29865800	-0.35778200	0.35110500	C	3.53322652	-2.57579932	0.68698164
TS4^A				N	3.47294652	-1.65553932	-0.37178636
C	-2.77093322	-1.19722501	0.12746229	H	2.04656352	-3.37441532	2.06861764
C	-2.34208327	-0.05084030	0.78178180	H	4.47517252	-3.05151332	0.91968464
C	-3.35626633	0.09126063	1.93230629	C	4.62261852	-1.33839932	-1.22308436
C	-4.30534756	-0.85657161	1.76896558	H	4.65736052	-2.01936732	-2.07888436
N	-3.94072428	-1.65360061	0.59283365	H	4.53028852	-0.30503632	-1.55366236
H	-2.42269503	0.91798685	-0.22562859	H	5.53299452	-1.45532332	-0.63342836
H	-3.32300765	0.82058941	2.71452965	C	1.70150052	-0.14485832	-1.36176336
H	-5.16769820	-0.99960817	2.38604898	O	2.42366591	1.22753521	-0.95433855
C	-4.71529255	-2.77088956	0.03371882	C	3.22548811	2.40796219	-0.88839114
H	-5.39953897	-2.39868301	-0.69988129	H	2.68381087	3.24358457	-0.43367546
H	-4.04958896	-3.47299835	-0.42320784	H	4.11397730	2.19041383	-0.28535528
H	-5.26055111	-3.25425206	0.81727085	H	3.55014155	2.68502081	-1.89726637
C	-1.88042595	-1.78558610	-0.96213451	C	0.37369052	0.33184268	-1.00583536
O	-1.18594094	-2.92012826	-0.43734440	H	1.13856742	1.26303406	-0.57636805
C	-0.31498978	-3.45131789	-1.43943305	H	-0.15687648	0.82329268	-1.81703036
H	0.39254436	-2.70310477	-1.73007469	C	-0.51566048	-0.42777732	-0.06478936
H	0.20465984	-4.30024104	-1.04675793	C	-0.00014448	-1.37616332	0.76811964
H	-0.89048282	-3.74807141	-2.29128110	H	-0.63552848	-1.98416132	1.39756264
C	-0.83956309	-0.70496574	-1.32350699	H	2.01740252	-0.12667032	-2.40143136
H	-0.12686669	-1.10487582	-2.01274969	Cl	-2.98739800	-2.27186194	0.32096823
H	-1.32118269	0.14312164	-1.76908070	Cl	-1.66178589	2.14032623	-0.65080633
C	-0.88877615	-0.20453635	1.14163842	C	2.22147852	-1.18832932	-0.49905536
H	-0.50007891	-0.22688781	2.13903054	H	0.99094052	-2.70691632	-0.25331736
H	-2.45572595	-2.08954320	-1.81156961	Pt	-2.40746748	-0.01662432	-0.09589936
C	-1.67736897	3.46592091	-0.56196132	N	-4.42708975	0.51210031	0.00246801
O	-1.66592824	4.42076359	-1.38154361	C	-5.53836517	0.80302534	0.05659360
O	-2.30778522	2.35588183	-0.89447367	C	-6.94920178	1.17237365	0.12530956
O	-1.00153432	3.63269521	0.70281440	H	-7.06424768	2.02424943	0.76246895

H	-7.30379317	1.41030477	-0.85578866	H	5.47981893	-1.54817397	-0.58513021
H	-7.51353335	0.35325336	0.51960872	C	3.20261389	-3.12607537	-0.28132321
TS4''^A				H	4.18625055	-3.59477555	-0.32581529
C	-2.79809203	-0.81417346	0.18844864	H	2.71329660	-3.42337967	0.64998290
C	-1.85792476	0.00642326	1.07045119	H	2.60498405	-3.47375946	-1.12866831
C	-2.79428803	0.35543112	2.23335033	C	2.08526670	1.76694499	-0.16084338
C	-4.05406358	-0.03490525	1.89566088	O	2.24454255	2.13937992	1.20590753
N	-4.02401615	-0.73244587	0.59116744	C	1.84034196	3.46518728	1.50767201
H	-1.15723255	1.31734136	0.50598317	H	0.75848005	3.61632573	1.39268532
H	-2.50962477	0.83629661	3.14583880	H	2.10308990	3.63859717	2.55314395
H	-4.93121488	0.13473712	2.48449623	H	2.36616629	4.19980461	0.87856862
C	-5.19463943	-1.26762684	-0.11884837	C	0.60946294	1.46808458	-0.53025558
H	-5.58787861	-0.51834986	-0.77371245	H	-0.04572542	2.23284518	-0.10962610
H	-4.90417130	-2.12418141	-0.69054981	H	0.47591489	1.55024403	-1.62030191
H	-5.94395473	-1.54990275	0.59090292	C	0.10333467	0.09542885	-0.17012525
C	-2.21187494	-1.65756160	-0.95715708	C	0.97900001	-0.98922423	-0.07618246
O	-2.02982810	-3.00225077	-0.50596976	H	0.59598757	-1.98302668	0.12163690
C	-1.43844308	-3.77955629	-1.55046001	H	2.44008810	2.58736717	-0.80488734
H	-0.48991817	-3.36020655	-1.81379687	Cl	-2.10850040	0.32236535	-2.26748799
H	-1.30222621	-4.78572231	-1.21285831	Pt	-1.76168200	-0.17400300	0.00009700
H	-2.08067998	-3.77436022	-2.40626652	N	-3.79492191	-0.43276575	0.03853250
C	-0.85124825	-1.04953961	-1.27920037	N	-1.45136858	-0.61812523	2.02900336
H	-0.32275440	-1.64227838	-1.99631612	C	-1.28054843	-0.86260394	3.14586801
H	-1.01806378	-0.07098798	-1.67858651	C	-4.93849539	-0.57830402	0.06015012
C	-0.01787543	-0.90343641	0.04333044	C	-1.06525002	-1.17074017	4.55354256
C	-0.62213481	-0.85517183	1.27750466	H	-2.00624936	-1.36637809	5.02380424
H	-0.26457322	-1.26490167	2.19900950	H	-0.43813238	-2.03358692	4.63791654
H	-2.85489057	-1.66157655	-1.81238500	H	-0.59325628	-0.33854623	5.03268258
Cl	0.56063220	1.92493354	-0.07553445	C	-6.37763252	-0.76145756	0.08735495
Cl	2.71990289	-2.49650985	-0.05613019	H	-6.60426485	-1.76033931	0.39682713
Pt	1.91745214	-0.36285901	-0.10092836	H	-6.81255281	-0.06740747	0.77585971
N	3.98503055	0.23202686	-0.29284059	H	-6.77733150	-0.59168737	-0.89056059
C	5.08582462	0.54874850	-0.39501609	5''^A			
C	6.47378235	0.94809318	-0.52384606	C	2.34989415	-0.74762998	-0.24844352
H	6.53473324	2.01518926	-0.57375528	C	2.93190671	0.54380399	-0.35848489
H	7.02561863	0.59857260	0.32362788	C	4.33312326	0.36813110	-0.50725055
H	6.88521184	0.52520636	-1.41647841	C	4.56421060	-1.02834608	-0.49167898
5''^A				N	3.38203962	-1.69012961	-0.32825681
C	2.34989415	-0.74762998	-0.24844352	H	5.08841808	1.13581997	-0.59597560
C	2.93190671	0.54380399	-0.35848489	H	5.49572037	-1.56876385	-0.58640824
C	4.30685586	0.37142429	-0.50446177	C	3.21683754	-3.11990012	-0.28281910
C	4.54830916	-1.00775620	-0.49040095	H	4.20047420	-3.58860030	-0.32731118
N	3.36981889	-1.67897030	-0.32731181	H	2.72752025	-3.41720442	0.64848701
H	5.06215068	1.13911316	-0.59318682	H	2.61920770	-3.46758421	-1.13016420

C	2.04738397	1.79564652	-0.15951833	C	-0.13033100	-1.44134400	-0.80875900
O	2.20827859	2.17186663	1.22112331	H	0.53990600	-1.93341900	-1.50047500
C	1.80935579	3.48036245	1.51894755	H	-1.95373500	-0.69638700	2.28202300
H	0.72749388	3.63150090	1.40396086	Cl	3.04865300	-2.23232800	-0.21488000
H	2.07210373	3.65377234	2.56441949	C	-2.00656900	2.37480000	-1.41777200
H	2.33518012	4.21497978	0.88984416	O	-0.85513100	1.92212000	-1.17977500
C	0.60276593	1.44896411	-0.52529154	O	-3.07540100	2.19529500	-0.72316500
H	-0.05242243	2.21372471	-0.10466206	H	-2.95759900	1.58546100	0.15282500
H	0.46921788	1.53112356	-1.61533787	O	-2.12195100	3.11479200	-2.50109300
C	0.12116710	0.07396231	-0.16831453	Pt	2.25789100	-0.03633000	0.09552500
C	1.00112535	-0.98532506	-0.07896264	N	2.01322262	2.15733845	0.41310349
H	0.61811291	-1.97912751	0.11885672	N	4.33821940	0.41824068	0.04553273
H	2.39843133	2.60734231	-0.79671194	C	1.88639004	3.29450470	0.57773163
Cl	-2.14778916	0.29264673	-2.26046375	C	5.46530813	0.66451982	0.01844772
Pt	-1.80097076	-0.20372162	0.00712124	C	1.72609384	4.73170184	0.78579538
N	-3.83421067	-0.46248437	0.04555674	H	1.50282572	4.92036101	1.81509566
C	-4.97778415	-0.60802264	0.06717436	H	2.63263897	5.23392086	0.51961504
C	-6.41692128	-0.79117618	0.09437919	H	0.92541991	5.09339057	0.17505607
H	-6.64355361	-1.79005793	0.40385137	C	6.88833089	0.97546324	-0.01574887
H	-6.85184157	-0.09712609	0.78288395	H	7.08193849	1.67412365	-0.80269851
H	-6.81662026	-0.62140599	-0.88353635	H	7.18280632	1.40199897	0.92033418
Cl	-1.43302770	-0.73032370	2.41282450	H	7.44529504	0.07861935	-0.18999578
TS5^A				6^A			
C	-2.35100300	-1.24610200	0.23743100	C	-2.99612525	-0.23101664	-0.25953878
C	-1.49956200	-1.79738800	-0.73823600	C	-2.37138525	0.51856936	0.77529822
C	-2.27705500	-2.75530100	-1.47028000	C	-3.42310325	1.14330936	1.52701722
C	-3.52967600	-2.75986800	-0.91523200	C	-4.60510925	0.76437736	0.94488422
N	-3.57861300	-1.84771100	0.12855200	N	-4.36391425	-0.06377564	-0.13719278
H	-1.94012700	-3.36012800	-2.29957700	H	-3.31707525	1.78421136	2.39066322
H	-4.41013000	-3.33108900	-1.17253600	H	-5.62223825	1.01540136	1.21335122
C	-4.71660700	-1.68183000	1.02142300	C	-5.36370725	-0.67896564	-0.98433778
H	-4.60118800	-2.29011800	1.92598600	H	-6.35418925	-0.35017764	-0.66448478
H	-4.81317100	-0.63393500	1.30574900	H	-5.22403625	-0.38915464	-2.03206878
H	-5.62403300	-1.99734300	0.50309700	H	-5.32191325	-1.77228264	-0.91747978
C	-1.89468700	-0.27804300	1.26289500	C	-2.25809225	-0.97559164	-1.18596878
O	-2.88626800	0.85709800	1.32796000	C	-0.87066725	-0.96889664	-1.07387678
C	-2.73490700	1.71244700	2.47698900	H	-0.27299925	-1.55280564	-1.76339178
H	-1.78363700	2.25235600	2.45341500	C	-0.24081425	-0.22351664	-0.05471878
H	-3.56445800	2.42118100	2.45271600	C	-0.96563025	0.51871836	0.86819322
H	-2.79495600	1.11171000	3.38954600	H	-0.46818925	1.07997336	1.65232922
C	-0.50796000	0.23585400	0.95357200	H	-2.74103925	-1.55635864	-1.96637278
H	-0.70555900	1.28345400	-0.28900900	Cl	1.66782808	-2.54268026	0.35782064
H	-0.05791200	0.85585400	1.72090000	C	1.83173075	4.27544636	-0.64995378
C	0.37392300	-0.46148300	0.10175600	H	2.36144475	4.78235636	0.16194522

H	0.80806175	4.65794536	-0.69857978	H	-0.88842200	-0.51293000	-1.55987000
H	2.33667275	4.49456536	-1.59540678	H	0.88842200	-0.51293000	-1.55987000
C	1.80929375	2.83876136	-0.41543378	C	0.00000000	0.00000000	0.28021600
N	1.79514875	1.69494336	-0.23230478	N	0.00000000	0.00000000	1.44040100
Pt	1.75317575	-0.26431764	0.05023922	TS(OX)^A			
N	3.75945797	-0.28170157	0.17119150	C	1.43888320	1.00388031	4.12397718
C	4.90962663	-0.29166749	0.24053145	C	2.54333708	0.97524664	3.27464071
C	6.35694464	-0.30420814	0.32778558	C	2.37075928	0.93383741	1.88450819
H	6.77267917	0.05889165	-0.58885139	C	1.06390718	0.95658973	1.40922922
H	6.67103063	0.32364261	1.13528384	C	-0.05625398	0.98716519	2.21868065
H	6.69514457	-1.30441285	0.50131181	C	0.14632337	1.00478890	3.60210081
CH₃OH				H	1.59266850	1.02461987	5.19823724
C	-0.66741600	-0.02034500	0.00000000	H	3.54544278	0.97648364	3.68316647
H	-1.08352400	0.98734500	-0.00001300	H	-1.05700816	1.00349749	1.80910931
H	-1.02939400	-0.54464100	0.89294500	H	-0.71640206	1.02149941	4.26034633
H	-1.02939800	-0.54466500	-0.89292800	I	0.95789464	0.89301117	-0.76170926
O	0.74963400	0.12202000	0.00000000	O	3.08371983	0.56020345	-0.39595913
H	1.14973900	-0.75212600	0.00000000	C	3.52079758	0.90095733	0.87326924
H₂CO₃				C	4.19593467	2.30357816	0.81292077
C	0.16507200	-0.00003500	-0.00001200	C	4.56061442	-0.19945918	1.24521319
O	-0.55354800	-1.15507400	-0.00001700	F	3.28644159	3.21222857	0.40001734
H	-1.50934300	-1.01455100	0.00016900	F	4.65656808	2.70571813	2.01566515
O	-0.55296500	1.15533700	0.00003500	F	5.21972866	2.32190325	-0.04884962
H	-1.50883000	1.01529200	-0.00010700	F	5.23169344	0.09714165	2.38435426
O	1.35998100	-0.00032900	-0.00001700	F	5.46678421	-0.35468088	0.27569476
NaHCO₃				F	3.93496503	-1.37259234	1.43224778
C	-0.55908000	0.04262700	0.00034600	C	-1.43131535	1.41349808	-0.68734023
O	-0.02217600	-1.11252800	0.00083500	C	-1.46195335	2.56633608	-0.25639223
O	-1.92199000	0.09719700	-0.00103600	Si	-1.49603335	4.30210408	0.36666177
H	-2.20998300	-0.82743100	0.00022800	C	0.03916665	5.16918608	-0.39186523
O	0.05245100	1.14450100	0.00087500	C	1.35837665	4.57886608	0.14418677
Na	1.88165300	-0.04197200	-0.00070000	C	0.04796265	6.70733308	-0.29250923
HCl				H	-0.02180235	4.91166308	-1.45972023
Cl	0.00000000	0.00000000	0.07144000	H	1.40494665	3.49225708	0.02443677
H	0.00000000	0.00000000	-1.21450000	H	2.21896665	5.00398908	-0.38761123
HCO₃⁻				H	1.49689465	4.80241908	1.20875277
C	0.15753600	0.07288700	0.00000000	H	-0.82716735	7.15924608	-0.76949723
O	-0.14822600	1.29058700	0.00000000	H	0.07244565	7.05286808	0.74671077
O	-1.00080600	-0.80312400	0.00000000	H	0.93698265	7.11832208	-0.78800223
H	-1.71049400	-0.14536600	0.00000300	C	-1.40121435	4.15679208	2.28043677
O	1.24469200	-0.52395800	-0.00000100	C	-2.64130535	3.44590408	2.85733277
CH₃CN				C	-1.11801535	5.46821308	3.03773177
C	0.00000000	0.00000000	-1.18074900	H	-0.53984835	3.49239008	2.44555077
H	0.00000000	1.02586100	-1.55987000	H	-2.81920135	2.47984808	2.37283677

H	-2.52431835	3.26445308	3.93429177	H	2.04905738	1.23501412	-5.58071713
H	-3.54787635	4.04988508	2.73284277	H	0.54052410	1.31153638	-6.45909034
H	-0.17625135	5.92873508	2.72509077	H	0.99383140	2.61404914	-5.38622521
H	-1.91146835	6.20879208	2.89202277	IM(OX)^A			
H	-1.04682335	5.28256308	4.11763877	C	1.80451351	0.36114975	3.48703458
C	-3.15996735	5.03731808	-0.24798123	C	2.91445714	0.06418923	2.68328084
C	-3.18825135	5.16201008	-1.78432523	C	2.71039221	-0.37478596	1.36681277
C	-3.59929335	6.35358508	0.42171777	C	1.40037572	-0.54765307	0.88711961
H	-3.89899035	4.26986408	0.02758077	C	0.33248842	-0.24433632	1.65806107
H	-2.92976335	4.21736708	-2.27362523	C	0.51218218	0.21799227	2.96532994
H	-4.18635735	5.45546808	-2.13370023	H	1.94364941	0.70260347	4.49466244
H	-2.48567235	5.92460808	-2.14047023	H	3.90797484	0.17983059	3.07208536
H	-3.70937635	6.24969708	1.50563077	H	-0.65364396	-0.34682525	1.25792113
H	-2.88919335	7.16719208	0.23988677	H	-0.33650847	0.44985954	3.57027504
H	-4.56987935	6.68084708	0.02666677	I	1.09485358	-1.34045394	-1.03250976
C	-3.84289100	-3.01256300	1.58066000	O	3.44181840	-1.46036047	-0.67042469
C	-2.75891400	-3.68761900	0.94778600	C	3.90470630	-0.67912471	0.43134196
C	-2.73525300	-5.02221100	1.47593700	C	4.52229560	0.64522251	-0.07738203
C	-3.76246200	-5.10565200	2.37749300	C	4.98116169	-1.47836007	1.18564387
N	-4.43992300	-3.89841800	2.45196700	F	3.59135267	1.36104342	-0.73970872
H	-2.04694900	-5.81353200	1.21740700	F	4.97250934	1.36146920	0.97895616
H	-4.08170000	-5.93832600	2.98898200	F	5.55478530	0.37241799	-0.90525387
C	-5.59005000	-3.61325600	3.28698500	F	5.45216847	-0.75612342	2.22268814
H	-5.83379200	-4.50132300	3.87227000	F	5.99519199	-1.76899412	0.34118776
H	-5.37957100	-2.78935200	3.97780400	F	4.43560644	-2.62549363	1.64535492
H	-6.46188500	-3.34740400	2.67906700	C	-1.35829881	0.97332781	-0.97044113
C	-4.15651500	-1.68055200	1.29114100	C	-1.39729899	2.04390870	-0.49809212
C	-3.37016900	-1.00736800	0.36076700	Si	-1.47034619	3.83150386	0.16282449
H	-3.57858800	0.02834000	0.13056000	C	0.04953343	4.78789060	-0.63861168
C	-2.30686800	-1.68001100	-0.28739300	C	1.35529685	4.18891231	-0.07876487
C	-1.97988000	-3.00408300	-0.00057700	C	0.01975771	6.29802213	-0.35433096
H	-1.17671500	-3.51107800	-0.52014200	H	0.01296594	4.65516914	-1.70064179
H	-4.98419200	-1.16946800	1.77345300	H	1.38291068	3.13945446	-0.27958933
Cl	-0.85613569	-2.80515206	-2.92094034	H	2.19854845	4.66014010	-0.54162789
Pt	-1.29210200	-0.75438900	-1.75377600	H	1.39437702	4.35317079	0.97727788
N	-3.11158168	-0.48916716	-2.90618699	H	-0.87765507	6.71521556	-0.75592917
N	-0.18372175	0.34864939	-3.56123265	H	0.05924861	6.46913200	0.69585634
C	-4.08001441	-0.34800070	-3.51956703	H	0.86893187	6.75963505	-0.82384213
C	0.35134302	0.88113540	-4.43377289	C	-1.31298365	3.74537884	2.11153782
C	-5.30543816	-0.16937318	-4.29571848	C	-2.57737172	3.05386028	2.65505687
H	-5.12110963	0.50928178	-5.10216157	C	-1.17558544	5.13451265	2.75420941
H	-5.61941936	-1.11367509	-4.68892288	H	-0.43192064	3.17691095	2.36514632
H	-6.07294793	0.22705134	-3.66431025	H	-2.67603178	2.08566843	2.20874751
C	1.02906422	1.55559030	-5.53894566	H	-2.50014609	2.95117395	3.71576270

H	-3.43563202	3.64544912	2.41348851	H	0.09650045	1.51736658	-6.49829440
H	-0.29182283	5.61319640	2.38835379	H	1.38176147	2.09958490	-5.46766715
H	-2.02855134	5.72693405	2.51990564	TS(Red)^A			
H	-1.10097509	5.01684327	3.81848064	C	1.95824491	0.35226936	3.51357646
C	-3.16605678	4.59610611	-0.39688180	C	3.07844491	0.09483536	2.72561046
C	-3.16117580	4.72898659	-1.93681728	C	2.93220091	-0.36656864	1.41043546
C	-3.43193343	5.98061650	0.21965979	C	1.63409791	-0.51764664	0.93464746
H	-3.93758398	3.93698687	-0.08386337	C	0.49889291	-0.27071264	1.68380746
H	-2.98071175	3.77215205	-2.37774238	C	0.67568191	0.16668036	3.00010246
H	-4.10709807	5.10227837	-2.26876581	H	2.09187791	0.69856136	4.53354646
H	-2.38750388	5.40819665	-2.23139409	H	4.07269291	0.24175036	3.12685546
H	-3.45229244	5.89440281	1.28509415	H	-0.49430409	-0.40115964	1.27629346
H	-2.66496062	6.66159858	-0.06998801	H	-0.19914509	0.36081436	3.61235346
H	-4.38105034	6.34154002	-0.12758567	I	1.56913591	-1.23343564	-1.11759054
C	-3.82513743	-3.01932094	1.57608869	O	3.69358391	-1.39219664	-0.64305654
C	-2.77662320	-3.67838353	0.95393424	C	4.10101991	-0.67568964	0.46991446
C	-2.73160296	-4.99904203	1.42867658	C	4.75155191	0.65892736	-0.00168154
C	-3.74515049	-5.14915806	2.31882038	C	5.15365691	-1.58928664	1.16832246
N	-4.44027896	-3.86061006	2.41988808	F	3.83343191	1.38034736	-0.67985654
H	-2.02241431	-5.74937418	1.14864006	F	5.18264091	1.41451136	1.02970046
H	-3.99735935	-6.04145142	2.85031358	F	5.79049391	0.44068436	-0.81660954
C	-5.59715414	-3.56364265	3.28541159	F	5.79820691	-0.94864364	2.17335646
H	-5.59550236	-4.22871657	4.12070848	F	6.08014591	-2.00808364	0.30147146
H	-5.53714003	-2.55610469	3.63634430	F	4.54609991	-2.66587564	1.69224146
H	-6.49953210	-3.69111556	2.73100600	C	-1.94511043	0.73252283	-0.06806999
C	-4.10095504	-1.68512940	1.29715478	C	-1.97574843	1.88536083	0.36287801
C	-3.33723844	-1.04584599	0.28142908	Si	-2.00982843	3.62112883	0.98593201
H	-3.54858852	-0.03046542	0.02961590	C	-0.47462843	4.48821083	0.22740501
C	-2.29226837	-1.73597282	-0.39595629	C	0.84458157	3.89789083	0.76345701
C	-1.96566141	-3.05996255	-0.01472037	C	-0.46583243	6.02635783	0.32676101
H	-1.13786119	-3.58139891	-0.43989320	H	-0.53559743	4.23068783	-0.84044999
H	-4.87571235	-1.15759271	1.81495394	H	0.89115157	2.81128183	0.64370701
Cl	-1.24198566	-2.80359255	-3.05169305	H	1.70517157	4.32301383	0.23165901
Pt	-1.30328937	-0.81322330	-1.95490757	H	0.98309957	4.12144383	1.82802301
N	-3.27943839	-0.28680520	-2.70996984	H	-1.34096243	6.47827083	-0.15022699
N	-0.31604177	0.12918996	-3.71845497	H	-0.44134943	6.37189283	1.36598101
C	0.19706136	0.61899129	-4.63502512	H	0.42318757	6.43734683	-0.16873199
C	-4.32824776	-0.00741724	-3.11070702	C	-1.91500943	3.47581683	2.89970701
C	-5.64900424	0.34441357	-3.61535184	C	-3.15510043	2.76492883	3.47660301
H	-5.55209449	1.08168006	-4.38473252	C	-1.63181043	4.78723783	3.65700201
H	-6.12218032	-0.52809614	-4.01501569	H	-1.05364343	2.81141483	3.06482101
H	-6.24268221	0.73803623	-2.81691107	H	-3.33299643	1.79887283	2.99210701
C	0.83987909	1.23261642	-5.78330799	H	-3.03811343	2.58347783	4.55356201
H	1.51507692	0.53308696	-6.23014847	H	-4.06167143	3.36890983	3.35211301

H	-0.69004643	5.24775983	3.34436101	H	-6.40470477	0.93222167	-2.17675268
H	-2.42526343	5.52781683	3.51129301	TS6^A			
H	-1.56061843	4.60158783	4.73690901	C	-2.21809077	0.49433880	-0.81060761
C	-3.67376243	4.35634283	0.37128901	C	-2.80927300	-0.82073848	-1.04314522
C	-3.70204643	4.48103483	-1.16505499	C	-4.27006121	-0.58794072	-1.00952641
C	-4.11308843	5.67260983	1.04098801	C	-4.46221289	0.73986027	-0.84308948
H	-4.41278543	3.58888883	0.64685101	N	-3.21679205	1.40308163	-0.77042470
H	-3.44355843	3.53639183	-1.65435499	H	-2.40446352	-1.44750961	-1.81714984
H	-4.70015243	4.77449283	-1.51442999	H	-5.03703054	-1.33080246	-1.16816951
H	-2.99946743	5.24363283	-1.52119999	H	-5.37350714	1.31519542	-0.79471490
H	-4.22317143	5.56872183	2.12490101	C	-3.04309813	2.81229032	-0.42844556
H	-3.40298843	6.48621683	0.85915701	H	-4.02310145	3.26351469	-0.26958476
H	-5.08367443	5.99987183	0.64593701	H	-2.43283552	2.92633765	0.46017319
C	-3.58528933	-3.48413359	1.82642670	H	-2.55558119	3.33334759	-1.26702049
C	-2.18100606	-3.42577021	1.59016741	C	-1.93298935	-1.81498386	0.46666820
C	-1.62817610	-4.66315500	2.06334502	O	-2.25601195	-1.31709172	1.67696671
C	-2.67420864	-5.39807105	2.55389397	C	-3.50014764	-1.74648785	2.22580307
N	-3.86296364	-4.69779926	2.41826689	H	-3.56291334	-2.84199118	2.23638622
H	-0.59140739	-4.96536669	2.03951636	H	-3.53640311	-1.36802625	3.24515895
H	-2.68013350	-6.38358720	2.99875407	H	-4.33614994	-1.33970444	1.64628460
C	-5.17855004	-5.16166048	2.81251265	C	-0.46343904	-1.62739149	0.12235993
H	-5.08746494	-6.15378967	3.25750125	H	0.12546422	-2.00999257	0.96370169
H	-5.62695240	-4.48935469	3.55230339	H	-0.21251298	-2.26555297	-0.73280730
H	-5.84804473	-5.22853621	1.94784950	C	0.00289743	-0.21939595	-0.17643791
C	-4.43962978	-2.43310566	1.47731751	C	-0.85047917	0.77307500	-0.63993861
C	-3.88277656	-1.30063827	0.89033828	H	-0.48671256	1.78982688	-0.68135957
H	-4.51691102	-0.46560007	0.62631275	H	-2.32372569	-2.81115979	0.26681287
C	-2.49212871	-1.24703196	0.63266808	Cl	2.42955617	-1.84684526	-1.15110426
C	-1.63026129	-2.28437687	0.98402447	Cl	1.43828508	2.12207897	1.17381468
H	-0.57185816	-2.23710445	0.76128274	Pt	1.97937135	0.14539515	-0.01425583
H	-5.50938181	-2.48123095	1.65674852	N	3.97757309	0.50136027	0.30950612
Cl	-1.03470200	-2.56982700	-3.30164500	C	5.09576308	0.70045799	0.49055538
Pt	-1.29210200	-0.75438900	-1.75377600	C	6.52369663	0.96231769	0.67426981
N	-0.93869460	1.18559749	-2.53220752	H	6.87109055	1.63912618	-0.08141582
N	-3.45575393	-0.10602764	-2.36519882	H	6.67940102	1.38650634	1.63684202
C	-0.74635596	2.24141683	-2.95586153	H	7.06518673	0.03930953	0.59285012
C	-4.52035390	0.21299109	-2.66604237	7^A			
C	-0.50308497	3.57682300	-3.49170148	C	-2.29352600	0.53458300	-0.66885400
H	-0.18201532	3.49970679	-4.50947718	C	-2.80405600	-0.87905200	-0.78438900
H	-1.40553322	4.14978954	-3.44483443	C	-4.29630500	-0.70023200	-0.67425200
H	0.25666429	4.06011641	-2.91368025	C	-4.55532000	0.61245300	-0.66261900
C	-5.86765256	0.61672350	-3.04677327	N	-3.34759700	1.36589800	-0.68596200
H	-5.81364787	1.42541543	-3.74534384	H	-2.56191600	-1.24353200	-1.79687500
H	-6.37396683	-0.21099379	-3.49780535	H	-5.02433100	-1.49839800	-0.68406200

H	-5.49743600	1.14284600	-0.64301600	H	0.53700386	4.84740021	-1.27498368
C	-3.26805100	2.81383000	-0.53006600	H	0.89911686	3.86430821	-2.71933668
H	-4.27189800	3.23333700	-0.59933800	C	0.05638586	0.81457321	-1.35595968
H	-2.83487200	3.07034100	0.44183200	H	-0.75605414	1.33726821	-1.86627368
H	-2.64949700	3.24572300	-1.32106300	H	0.24879386	-0.09454579	-1.94644368
C	-2.03095700	-1.77337300	0.19546300	C	-0.40899314	0.35202021	-0.00115368
O	-2.40336000	-1.36697800	1.49539300	C	0.43255286	0.31517521	1.10265632
C	-1.92418000	-2.19269000	2.54592100	H	0.06418486	0.00022921	2.07127832
H	-0.83872400	-2.10942400	2.68204900	H	1.75077886	1.69811621	-2.37128168
H	-2.41535900	-1.85001400	3.45869600	Cl	-0.93039001	-2.34753130	-0.37164054
H	-2.18266800	-3.24876400	2.37542600	Cl	-3.01016997	1.74502811	0.49321041
C	-0.52153800	-1.60503900	-0.11224300	C	2.73150286	-2.43581679	-0.86795468
H	0.08835100	-2.12619700	0.62827300	O	3.65101686	-3.23895879	-1.04178768
H	-0.28380100	-2.09906000	-1.06713500	O	2.63243786	-1.37969379	-1.60592768
C	-0.05538800	-0.17286900	-0.23269300	O	1.85152086	-2.65308579	0.12627932
C	-0.94946100	0.85931600	-0.49717300	H	0.93849586	-2.37629079	-0.11287168
H	-0.61443700	1.88856300	-0.47702000	Pt	-2.15157414	-0.38086379	0.11971832
H	-2.30447100	-2.82994000	0.03690000	N	-4.10701053	-1.07640102	0.37992085
Cl	2.36917500	-1.47889154	-1.60191026	C	-5.18616986	-1.46025164	0.52352050
Cl	1.22394005	1.83982836	1.52817388	C	-6.54835656	-1.94477344	0.70478153
Pt	1.79617700	0.16907600	-0.02003900	H	-6.91793518	-1.62255767	1.65582761
N	3.89513345	0.53744667	0.26489057	H	-7.17230251	-1.55362140	-0.07148616
C	5.01911975	0.73470830	0.41746969	H	-6.55512651	-3.01394019	0.66310855
C	6.43109362	0.98251228	0.60914260	8^A			
H	6.93689907	0.05422865	0.77452203	C	2.90469489	-0.76455101	-0.28780740
H	6.83156737	1.45654753	-0.26252898	C	3.54005889	0.47074099	-0.30363240
H	6.56941090	1.62008926	1.45723689	C	4.93678189	0.23751199	-0.43823640
TS7^A				C	5.11705889	-1.12787501	-0.51541840
C	1.78007186	0.65125221	0.90113732	N	3.87376389	-1.73747701	-0.41854540
C	2.34184886	0.96989121	-0.41832768	H	5.72223089	0.98204399	-0.46985340
C	3.71577286	1.39355721	-0.13252968	H	6.01096589	-1.72441701	-0.63300440
C	3.95043686	1.15368721	1.18258832	C	3.62495689	-3.16075401	-0.48415740
N	2.77665286	0.70270521	1.80831732	H	4.58124589	-3.68701501	-0.54123740
H	2.47910686	-0.14835179	-0.92633868	H	3.08956389	-3.50922001	0.40588260
H	4.43828686	1.74130621	-0.85646468	H	3.02754789	-3.42375001	-1.36534740
H	4.85603186	1.25503121	1.76398132	C	2.73380089	1.70777499	-0.07746540
C	2.67291186	0.30843521	3.21066732	O	2.86564289	2.05977599	1.32131660
H	3.58493086	0.60648721	3.72800732	C	2.38586489	3.33991499	1.64484860
H	1.82264686	0.80970521	3.67890232	H	1.29221689	3.42967099	1.56449260
H	2.54951886	-0.77521179	3.29263732	H	2.66640589	3.53631599	2.68547560
C	1.35368286	1.66303621	-1.34488468	H	2.83606789	4.12482799	1.00864460
O	1.17398386	2.97590621	-0.84717168	C	1.26912389	1.47718099	-0.52385940
C	0.45993086	3.84942921	-1.71075868	H	0.63039389	2.27219799	-0.13078940
H	-0.60243814	3.58477521	-1.78821168	H	1.23279189	1.60837399	-1.61490040

C	0.65455489	0.11312099	-0.22916040	C	-1.58052700	-2.52628400	1.59826800
C	1.47684689	-0.96271401	-0.15254840	O	-0.47455300	-2.36597800	0.99448300
H	1.07987189	-1.95636401	0.02705760	O	-2.73561200	-2.17127400	1.18132500
H	3.13569189	2.55773099	-0.65881340	H	-2.77921500	-1.83769300	0.10608700
Pt	-1.32551411	-0.02551201	-0.11017340	O	-1.50622000	-3.13609300	2.76331800
Cl	-1.19906211	-1.31367101	1.91656760	H	-2.40389900	-3.22793100	3.12114300
C	-6.05970411	-0.37153901	0.16776260	Pt	2.07278700	0.17108600	-0.04438800
H	-6.47853211	-0.65165001	-0.80350340	N	2.40583936	-0.24511681	-2.13479338
H	-6.49501211	0.58458599	0.47387660	N	4.21657930	-0.03636627	0.29253651
H	-6.33344011	-1.13379001	0.90317960	C	5.34725273	-0.14578022	0.47023638
C	-4.60946711	-0.26055701	0.07827060	C	2.68029144	-0.47584233	-3.23100553
N	-3.45781411	-0.17324401	0.00993760	C	6.78420327	-0.28483224	0.69607162
C	-1.71115464	1.62636364	-2.84714037	H	7.08834648	-1.28189225	0.45468348
N	-1.57222824	1.03127800	-1.86115227	H	7.31159163	0.40907120	0.07537883
C	-1.88567495	2.37391432	-4.08574542	H	7.00489959	-0.08349851	1.72352375
H	-2.84369275	2.14920648	-4.50599330	C	3.02684740	-0.76718392	-4.61521383
H	-1.82285556	3.42234707	-3.88143562	H	4.08106960	-0.64563917	-4.75211679
H	-1.11862406	2.09910436	-4.77929602	H	2.75080693	-1.77451400	-4.84756650
TS8^A				H	2.50328138	-0.09544811	-5.26294033
C	-1.82499400	1.70161700	-0.09760200	9^A			
C	-2.59007300	0.82426500	-0.89774700	C	-3.15225000	0.21220400	0.15941000
C	-3.89931500	1.33513200	-0.96087400	C	-3.63808700	-0.97612000	-0.44488800
C	-3.91142100	2.50233300	-0.20524200	C	-5.07457400	-0.91253200	-0.39363000
N	-2.66260900	2.72354900	0.31540000	C	-5.40454700	0.27089700	0.21687600
H	-4.74733800	0.91143300	-1.47942800	N	-4.25228600	0.96433900	0.55457100
H	-4.72064600	3.18914600	-0.00213900	H	-5.77471600	-1.64927100	-0.76534400
C	-2.26324200	3.85064000	1.14416500	H	-6.37420000	0.69411000	0.44517700
H	-3.13753500	4.47362800	1.33775600	C	-4.18450300	2.24158500	1.22142900
H	-1.85918500	3.50216700	2.09898700	H	-5.19574000	2.63922100	1.34270500
H	-1.50384100	4.45408800	0.63791900	H	-3.72217200	2.15561800	2.21381200
C	-1.96196900	-0.37282900	-1.51279500	H	-3.59527700	2.95830700	0.63711000
O	-2.84964600	-1.55520300	-1.16027900	C	-2.69103500	-1.89622400	-0.93243600
C	-2.64893000	-2.72113300	-1.98031400	C	-1.33669000	-1.61695200	-0.80035900
H	-1.63323200	-3.11641000	-1.87780000	H	-0.61267900	-2.34316100	-1.15393000
H	-3.37507800	-3.46718700	-1.65274400	C	-0.85232300	-0.42030100	-0.19859200
H	-2.83837800	-2.46180500	-3.02535500	C	-1.78715900	0.50175700	0.28471600
C	-0.53093300	-0.60170700	-1.08147900	H	-1.45229700	1.43541000	0.72348000
H	-0.50508200	-1.64497100	0.17867800	H	-3.01649300	-2.82287700	-1.40270700
H	0.06354300	-1.24168900	-1.72963800	Pt	1.10930800	-0.06141000	-0.05124800
C	0.18176900	0.37587400	-0.36270800	Cl	0.84398900	2.16603700	-0.94119800
C	-0.46923600	1.51802000	0.20023000	C	5.77467400	0.73753400	0.30030100
H	0.08225700	2.19150100	0.84177100	H	6.02588200	1.09900400	1.30221400
H	-2.04209500	-0.35057600	-2.60900300	H	6.09134200	1.48607500	-0.43214900
Cl	1.76157320	0.59715076	2.25953933	H	6.32303900	-0.19100800	0.11566900

C	4.34055300	0.50281000	0.19182900	C	-2.47536100	-0.64832300	-0.09275100
N	3.20228800	0.31397000	0.10507100	C	-2.90692000	0.56374500	0.40543600
N	1.46739131	-1.97957008	0.75158338	C	-4.32915400	0.56345700	0.35071000
C	1.66425228	-3.03410359	1.19295040	C	-4.70786300	-0.65172700	-0.17433000
C	1.91151645	-4.35863404	1.74732259	N	-3.57502100	-1.39327300	-0.44675400
H	1.81666673	-5.09225764	0.97421203	H	-4.99299300	1.35992500	0.65580700
H	2.90013308	-4.39580907	2.15494395	H	-5.68769200	-1.06025100	-0.37410300
H	1.19933669	-4.56055124	2.51993468	C	-3.55534300	-2.73698300	-1.00010300
1^B				H	-4.58000900	-3.04529300	-1.21181500
C	-2.81407700	-0.78367600	0.33670700	H	-2.98596200	-2.76939900	-1.93462200
C	-3.03789400	0.58107000	0.27139100	H	-3.11738200	-3.45165600	-0.29527500
C	-4.35454800	0.76070000	-0.24947100	C	-1.97378675	1.67361149	0.86135126
C	-4.87795400	-0.49092100	-0.47993500	O	-1.79071857	2.58390034	-0.20618321
N	-3.93839600	-1.42895500	-0.11459900	C	-1.15271610	3.80598085	0.13823433
H	-4.84743800	1.70481800	-0.43115400	H	-0.07549742	3.67814880	0.30555134
H	-5.83712800	-0.79541100	-0.87342500	H	-1.28986006	4.47785864	-0.71145572
C	-4.06168600	-2.86469000	-0.29919000	H	-1.61088261	4.26028621	1.03005006
H	-5.09298700	-3.17312000	-0.11018100	C	-0.63661241	1.16402266	1.34341351
H	-3.78226700	-3.16677400	-1.31481800	H	0.04447528	1.97590490	1.59800716
H	-3.41025700	-3.37948700	0.40979000	H	-0.83143549	0.59243967	2.26737995
C	-2.12602100	1.69128300	0.70677500	C	-0.44886106	-1.07521887	-0.19812913
O	-2.05284900	2.64399400	-0.34489700	H	-0.14159210	-1.97734763	0.36697567
C	-1.57923900	3.92375300	0.04009400	H	-2.38523299	2.20726160	1.73394940
H	-0.51063600	3.92057300	0.29827600	H	-0.13598298	-1.29183366	-1.22881290
H	-1.72225800	4.58263800	-0.81905400	C	0.04320903	0.15430371	0.41647746
H	-2.14620000	4.32385300	0.89432800	Pt	1.99531936	0.52717895	-0.09937972
C	-0.70967600	1.19396900	1.13012500	Cl	1.36836709	1.85033698	-1.85238320
H	-0.13592400	2.01310000	1.57665700	Cl	2.62833526	-0.75438904	1.69113824
H	-0.81016300	0.41836500	1.89598200	N	3.95216354	0.75786776	-0.66510365
C	0.03624000	0.66988600	-0.01563400	C	5.06014077	0.88493675	-0.98422732
C	0.37642600	0.38413000	-1.19688700	C	6.44810601	1.02790895	-1.37870351
H	0.29465500	0.36465200	-2.26742300	H	6.68770699	0.29678373	-2.12661733
H	-2.53832900	2.18614400	1.60436000	H	6.60564152	2.01082064	-1.77736998
Cl	0.55891525	-2.33182867	0.29955399	H	7.07480460	0.88494395	-0.52260412
Cl	2.99351453	1.61293282	-0.35869291	TS1^B			
H	-1.94855800	-1.35149200	0.64854800	C	-2.46353800	-0.67987400	0.67668200
Pt	1.87128400	-0.40898800	-0.02048900	C	-2.45681700	0.63233400	0.00083000
N	3.64042082	-1.39638816	0.60368711	C	-3.56366800	0.59516900	-0.95363300
C	4.60277284	-1.93350125	0.94321831	C	-4.10761200	-0.64831700	-0.89041600
C	5.81893758	-2.61227365	1.37229817	N	-3.51996800	-1.41206000	0.10585000
H	6.16090603	-3.25896294	0.59143291	H	-3.84933200	1.40618600	-1.60510000
H	6.57426709	-1.88658442	1.59082155	H	-4.89024300	-1.08216200	-1.49964400
H	5.61455261	-3.18963104	2.24967222	C	-3.64582600	-2.85358500	0.24935500
TS1^B				H	-4.63217200	-3.16401200	-0.10163700

H	-2.87533000	-3.38897300	-0.31917600	H	0.32020800	2.08791800	1.18416800
H	-3.55066100	-3.12625200	1.30386300	H	-0.52421100	0.95126400	2.22626400
C	-2.05188241	1.88338691	0.75934090	C	-0.09750700	0.17769500	0.27285300
O	-1.85786467	2.89021666	-0.20838538	C	-1.22977000	-0.39292200	-0.31780300
C	-1.67940134	4.19522491	0.32041950	H	-1.20243300	-1.02346800	-1.19639000
H	-0.74045212	4.29275850	0.88011611	H	-2.45983300	2.20153500	1.50377400
H	-1.64555089	4.87433669	-0.53327284	Cl	0.85644419	-2.56808492	0.19962121
H	-2.51735137	4.47960551	0.97489789	Cl	2.35787699	1.86029704	-0.29242921
C	-0.74252717	1.47930741	1.49744624	H	-2.19585600	-0.89222100	1.70648500
H	-0.24947871	2.32296601	1.98339790	Pt	1.66886400	-0.37388600	-0.06488300
H	-0.93405862	0.73145954	2.28247539	N	3.72182796	-0.98299904	-0.47319692
C	0.13179992	0.87685908	0.42556562	C	4.80837327	-1.30537631	-0.68929988
C	-0.32462247	0.60436581	-0.81182414	C	6.18877494	-1.71494057	-0.96384791
H	0.09076810	0.47451208	-1.80219749	H	6.49055935	-1.39933524	-1.94970563
H	-2.83828058	2.18643500	1.47069297	H	6.86535514	-1.27721234	-0.24744774
Pt	1.92429055	0.37764147	0.70148744	H	6.28586165	-2.78735986	-0.90828685
Cl	1.24156216	-0.53777417	2.76070901	3^B			
Cl	2.47977017	1.33512830	-1.37040816	C	2.29152400	-1.17558800	-0.59207200
H	-1.96802277	-1.23584593	1.46573142	C	2.87623000	0.16554400	-0.29913100
N	4.01836036	-0.18229132	1.00950472	C	3.85392100	0.05217800	0.64645000
C	5.11573198	-0.50866280	1.19620557	C	3.91773900	-1.32269700	1.01441000
C	6.48193100	-0.93056788	1.43702985	N	3.05257700	-2.04953400	0.34417500
H	6.64995761	-1.88689270	0.98037054	H	4.42321800	0.85376400	1.09240300
H	7.15637065	-0.21091732	1.01619495	H	4.55739100	-1.77370900	1.76664100
H	6.64843463	-1.00193279	2.49215063	C	2.81820300	-3.48155800	0.46532200
2^B				H	3.50159700	-3.89871600	1.20607200
C	-2.46353800	-0.67987400	0.67668200	H	1.78704700	-3.65706700	0.78174400
C	-2.45681700	0.63233400	0.00083000	H	2.98520700	-3.97047600	-0.49865800
C	-3.56366800	0.59516900	-0.95363300	C	2.19907500	1.37288100	-0.81761100
C	-4.10761200	-0.64831700	-0.89041600	O	2.95151000	2.50536500	-0.45227200
N	-3.51996800	-1.41206000	0.10585000	C	2.50466400	3.72323800	-1.03480100
H	-3.84933200	1.40618600	-1.60510000	H	1.52117700	4.02656100	-0.65647700
H	-4.89024300	-1.08216200	-1.49964400	H	3.23825900	4.48415000	-0.76227700
C	-3.64582600	-2.85358500	0.24935500	H	2.45737300	3.64766600	-2.13094500
H	-4.63217200	-3.16401200	-0.10163700	C	0.75619500	1.35017500	-0.19816300
H	-2.87533000	-3.38897300	-0.31917600	H	0.81601400	1.72531100	0.83006300
H	-3.55066100	-3.12625200	1.30386300	H	0.11897500	2.04321900	-0.75305400
C	-1.82897400	1.83884100	0.67506900	C	0.11565900	-0.01777700	-0.18373600
O	-1.71174300	2.83325800	-0.31752100	C	0.79587700	-1.16967200	-0.35008000
C	-1.33955500	4.11441000	0.16689200	H	0.28613800	-2.12527000	-0.38837200
H	-0.31679000	4.12807700	0.56459000	H	2.09722400	1.30499200	-1.91459100
H	-1.38874500	4.79489600	-0.68495800	Cl	-1.83051396	-1.17113429	-1.96015676
H	-2.03197300	4.46329300	0.94805300	Cl	-1.44014346	1.08254521	2.15194743
C	-0.45528000	1.32008000	1.19115300	H	2.54303100	-1.52961500	-1.60627000

Pt	-1.79939500	-0.03028800	0.09726300	H	-7.02376618	-0.54946479	1.01705968
N	-3.90214367	-0.01392342	0.36667018	H	-7.01271631	1.05956893	0.33591638
C	-5.04635634	-0.00501862	0.51326836	H	-7.03641786	-0.33469855	-0.71694781
C	-6.48580683	0.00618386	0.69769283	PtCl₂			
H	-7.05346115	0.38792013	-0.17243938	Pt	0.00000000	0.00000000	0.00000000
H	-6.92735864	-0.98930816	0.89545958	Cl	0.00000000	0.00000000	2.21093300
H	-6.83170274	0.63048568	1.54367593	Cl	0.00000000	0.00000000	-2.21093300
TS2^B				R2			
C	2.24640809	-1.14125455	-0.52185747	C	2.40572100	3.42835900	0.03939300
C	2.80286440	0.13508152	-0.24306973	C	3.27683400	2.34002900	0.04127800
C	3.80880509	0.08651145	0.71666453	C	2.78055600	1.02820500	-0.01865900
C	3.87262309	-1.28836355	1.08462453	C	1.40612100	0.88983200	-0.07004300
N	3.00746109	-2.01520055	0.41438953	C	0.50495100	1.93816700	-0.06846800
H	4.37810209	0.88809745	1.16261753	C	1.02517800	3.23379500	-0.01456200
H	4.51227509	-1.73937555	1.83685553	H	2.81055300	4.43475600	0.08231600
C	2.77308709	-3.44722455	0.53553653	H	4.34582000	2.49981600	0.08648200
H	3.45648109	-3.86438255	1.27628653	H	-0.56324300	1.75451700	-0.10538700
H	1.74193109	-3.62273355	0.85195853	H	0.34755200	4.08209600	-0.01503100
H	2.94009109	-3.93614255	-0.42844347	I	0.73471900	-1.18174600	-0.15076000
C	2.15395909	1.40721445	-0.74739647	O	2.93385200	-1.38190700	-0.17798200
O	2.90639409	2.53969845	-0.38205747	C	3.66437800	-0.24120800	-0.01072700
C	2.45954809	3.75757145	-0.96458647	C	4.68843900	-0.17530300	-1.18252700
H	1.47606109	4.06089445	-0.58626247	C	4.39946800	-0.33429300	1.36047500
H	3.19314309	4.51848345	-0.69206247	F	4.03279900	-0.00213500	-2.34584200
H	2.41225709	3.68199945	-2.06073047	F	5.57162600	0.84766600	-1.05836200
C	0.71107909	1.38450845	-0.12794847	F	5.39962500	-1.30547600	-1.27068800
H	0.77089809	1.75964445	0.90027753	F	5.18482300	0.73845900	1.61946500
H	0.07385909	2.07755245	-0.68283947	F	5.17391400	-1.42517800	1.42896300
C	0.07054309	0.01655645	-0.11352147	F	3.48416900	-0.40994100	2.34800800
C	0.75076109	-1.13533855	-0.27986547	C	-1.30104100	-0.56407200	-0.11507500
H	0.24102209	-2.09093655	-0.31815747	C	-2.50265300	-0.33360600	-0.07767100
H	2.05210809	1.33932545	-1.84437647	Si	-4.33543300	-0.02918000	0.00341300
Cl	-1.52890864	-1.21895753	-1.79047009	C	-5.10148900	-1.77235500	0.21629700
Cl	-1.72827391	1.11702545	2.25001253	C	-4.86084200	-2.65615000	-1.02362400
H	2.18106897	-1.61205201	-1.72210677	C	-6.58617000	-1.79581400	0.63075600
C	1.10853964	-2.21658228	-4.32487930	H	-4.52578000	-2.21001500	1.04535300
O	1.67817271	-2.65274546	-5.36198204	H	-3.80180900	-2.69629900	-1.29826200
O	1.88339540	-2.14649332	-3.19723304	H	-5.19474900	-3.68466300	-0.83794900
O	-0.17074066	-1.86012868	-4.37786234	H	-5.41645100	-2.28978400	-1.89461400
H	-0.89062877	-1.31228985	-3.25749021	H	-6.76463500	-1.25804700	1.56692800
Pt	-1.84451091	0.00404545	0.16747753	H	-7.23526200	-1.35452800	-0.13316200
N	-3.93431833	0.02600267	0.18544411	H	-6.92391700	-2.82921000	0.77998700
C	-5.08597221	0.03810289	0.19534515	C	-4.78630100	0.81118000	-1.65895000
C	-6.54782750	0.05346233	0.20791308	C	-4.13526500	2.20178300	-1.79233800

C	-6.29326300	0.87478200	-1.97647300	R^B			
H	-4.32153700	0.16141200	-2.41526600	C	-2.81407700	-0.78367600	0.33670700
H	-3.05121900	2.16016700	-1.64247200	C	-3.03789400	0.58107000	0.27139100
H	-4.31327900	2.62054600	-2.79061300	C	-4.35454800	0.76070000	-0.24947100
H	-4.54633400	2.91270100	-1.06618800	C	-4.87795400	-0.49092100	-0.47993500
H	-6.75380100	-0.11760800	-1.99436700	N	-3.93839600	-1.42895500	-0.11459900
H	-6.84400500	1.48135000	-1.24959900	H	-4.84743800	1.70481800	-0.43115400
H	-6.45806600	1.32699200	-2.96267200	H	-5.83712800	-0.79541100	-0.87342500
C	-4.57739200	1.10277100	1.53060000	C	-4.06168600	-2.86469000	-0.29919000
C	-4.21096400	0.37431800	2.83913200	H	-5.09298700	-3.17312000	-0.11018100
C	-5.95912900	1.77690900	1.64134500	H	-3.78226700	-3.16677400	-1.31481800
H	-3.83655700	1.90381100	1.38718300	H	-3.41025700	-3.37948700	0.40979000
H	-3.20749700	-0.06134600	2.79761200	C	-2.12602100	1.69128300	0.70677500
H	-4.23716100	1.06747400	3.68920100	O	-2.05284900	2.64399400	-0.34489700
H	-4.91637100	-0.43450000	3.06130600	C	-1.57923900	3.92375300	0.04009400
H	-6.18446500	2.40296700	0.77254600	H	-0.51063600	3.92057300	0.29827600
H	-6.76866600	1.04596200	1.74089700	H	-1.72225800	4.58263800	-0.81905400
H	-5.99940100	2.42322000	2.52729700	H	-2.14620000	4.32385300	0.89432800
R^A				C	-0.70967600	1.19396900	1.13012500
C	-0.66859200	-0.25837100	0.23540200	H	-0.13592400	2.01310000	1.57665700
C	-0.91283800	-1.61797000	0.14750100	H	-0.81016300	0.41836500	1.89598200
C	-2.28531900	-1.79283800	-0.17100000	C	0.03624000	0.66988600	-0.01563400
C	-2.84004900	-0.53504000	-0.27129700	C	0.35970330	0.39817706	-1.13881953
N	-1.86073800	0.39704500	-0.02474600	H	0.62784713	0.16754562	-2.15273336
H	-0.17511000	-2.39690300	0.27402400	H	-2.53832900	2.18614400	1.60436000
H	-2.80363600	-2.72941900	-0.32078100	H	-1.94855800	-1.35149200	0.64854800
H	-3.84780200	-0.22155300	-0.50389000	P1			
C	-2.06666800	1.83524000	-0.01125000	C	-0.38819500	-0.11959200	-0.03370100
H	-3.04779900	2.05501000	-0.43609600	C	0.83373500	-0.07674300	-0.03318400
H	-2.03599300	2.23600800	1.00951600	Si	2.67536300	-0.00463800	-0.00566100
H	-1.29692700	2.32693100	-0.60857400	C	3.10532400	1.79752000	0.49468500
C	0.57873900	0.50256600	0.56786000	C	2.65433500	2.80466000	-0.58140400
O	0.94966000	1.27660000	-0.57610300	C	4.56826500	2.04985400	0.90770600
C	1.97448700	2.22444800	-0.34184900	H	2.48143600	1.97294100	1.38376600
H	2.95561400	1.75227400	-0.19655200	H	1.59831100	2.67637900	-0.84017300
H	2.02649300	2.85944500	-1.22960400	H	2.78925000	3.83664500	-0.23251300
H	1.75492200	2.85680700	0.53374500	H	3.23747700	2.69793200	-1.50365800
C	1.72611700	-0.41174600	1.07129700	H	4.87768800	1.41680000	1.74530900
H	2.50255500	0.21862200	1.52113400	H	5.26671700	1.87004700	0.08333700
H	1.32901700	-1.02988500	1.88506500	H	4.70494400	3.09317500	1.22108100
C	2.34005900	-1.25580400	0.04796800	C	3.24716900	-0.44874400	-1.78408300
C	2.88104000	-1.95065500	-0.77832900	C	2.88368000	-1.90238500	-2.14494000
H	3.33750400	-2.56154400	-1.52191200	C	4.72390600	-0.15164300	-2.10803500
H	0.36719000	1.20311500	1.39814900	H	2.63563300	0.20595700	-2.42281900

H	1.82183700	-2.10836200	-1.97566700	H	-3.40562300	-0.94657300	-2.86930300
H	3.09862900	-2.10881600	-3.20130500	H	-5.12436100	-1.74831000	0.48938700
H	3.46123900	-2.62153700	-1.55210200	H	-5.41626600	-0.93731500	-1.05175600
H	4.97224200	0.90554400	-1.97230200	H	-5.18374200	-2.68417900	-1.00595400
H	5.40993000	-0.73373100	-1.48326200	C	-2.83990400	1.58603500	-1.07714100
H	4.94731700	-0.40573400	-3.15247100	C	-2.21598800	2.83704500	-0.42742600
C	3.21668100	-1.29833900	1.30447000	C	-4.29544500	1.85714200	-1.50469800
C	2.75949200	-0.89193100	2.71943800	H	-2.26596900	1.37511400	-1.99173100
C	4.70958300	-1.68022500	1.29600800	H	-1.16266100	2.68006600	-0.17329600
H	2.64913700	-2.19942500	1.02776500	H	-2.27054700	3.69836300	-1.10578500
H	1.68717100	-0.67446300	2.75305800	H	-2.74163200	3.11850000	0.49279900
H	2.96010200	-1.69512300	3.44023700	H	-4.72269900	1.02340300	-2.07033600
H	3.29118900	-0.00124100	3.07424200	H	-4.95093700	2.04384900	-0.64709900
H	5.02525400	-2.09389000	0.33317700	H	-4.34802900	2.74587100	-2.14721400
H	5.35727000	-0.82427300	1.51512900	C	-3.04464400	0.28217100	1.83891500
H	4.91592900	-2.44168100	2.05959900	C	-2.81007900	-0.99489000	2.66943800
C	-4.59370200	-0.34185600	-0.00604000	C	-4.45430100	0.85270000	2.08566900
C	-3.96629200	0.93763100	-0.01458700	H	-2.32297000	1.03390000	2.19213800
C	-5.01985000	1.91398100	-0.00711600	H	-1.79024200	-1.37460900	2.54986100
C	-6.20111400	1.22182800	0.00545700	H	-2.96988300	-0.80121700	3.73794400
N	-5.95885500	-0.14323900	0.00578600	H	-3.50001000	-1.79668700	2.38125000
H	-4.91203400	2.98905600	-0.01065500	H	-4.59649100	1.82466400	1.60297300
H	-7.21927100	1.58590900	0.01433400	H	-5.24032300	0.18437400	1.71839000
C	-6.96153400	-1.18865900	0.02211500	H	-4.62949200	0.99457200	3.16013000
H	-7.95264200	-0.73177000	0.02142000	C	4.12609300	0.21695000	0.00006500
H	-6.87535900	-1.83127000	-0.86128700	C	4.66434700	-1.10302600	-0.00101900
H	-6.86749000	-1.81234000	0.91832800	C	6.09069800	-0.96767100	0.00059400
C	-3.85525300	-1.53242300	-0.00926200	C	6.36210300	0.37679800	0.00253600
C	-2.47274600	-1.43527500	-0.02062100	N	5.18599900	1.10503900	0.00214500
H	-1.86633500	-2.33478300	-0.02257600	H	6.82206900	-1.76308900	0.00034500
C	-1.81545100	-0.17290600	-0.02854800	H	7.31291700	0.89199700	0.00418200
C	-2.56765500	1.01018500	-0.02617900	C	5.07233600	2.54911800	0.00426800
H	-2.05949700	1.96925700	-0.03182600	H	6.07267000	2.98555000	0.00496100
H	-4.34144500	-2.50323200	-0.00248100	H	4.53921600	2.90372100	-0.88502500
P2				H	4.53907000	2.90119800	0.89449100
C	0.47247400	-0.42820400	-0.00312200	C	2.75411300	0.46830700	-0.00089400
C	-0.73803000	-0.25469000	-0.00297300	C	1.88483400	-0.63317000	-0.00290500
Si	-2.56077800	0.02166500	-0.00014000	C	2.41012400	-1.95633200	-0.00410000
C	-3.32521100	-1.56479200	-0.76416500	C	3.77437400	-2.19264400	-0.00320200
C	-2.93741700	-1.71906100	-2.24785100	H	4.15262800	-3.21104000	-0.00409700
C	-4.84382800	-1.73648900	-0.56829800	H	2.35319700	1.47627100	-0.00008900
H	-2.83181900	-2.38007600	-0.21419300	H	1.71200900	-2.78676900	-0.00563400
H	-1.85447900	-1.65153900	-2.39353100				
H	-3.26658600	-2.69037500	-2.63901100				