

**Supplementary Material**

**Abnormal Strecker Reaction of 3-Formylindole and Aniline**

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## 1. Cartesian Coordinates and Energies

Formylindole.log

Energy (E) = -477.006195219 Hartree

Enthalpy (H) = -476.855504 Hartree

Gibbs free energy (G) = -476.897769 Hartree

Charge = 0, Spin = 1

C 0.118294 -0.349332 -0.000109

C 0.807634 0.881872 0.000022

C 2.200836 0.967199 0.000115

C 2.906653 -0.224536 0.000085

C 2.241865 -1.465054 -0.000048

C 0.858917 -1.540421 -0.000148

C -1.292269 -0.030365 -0.000203

C -1.384756 1.347271 -0.000172

H 2.707623 1.926442 0.000227

H 3.991407 -0.201381 0.000171

H 2.827064 -2.378902 -0.000068

H 0.361380 -2.505007 -0.000253

H -2.268684 1.967402 -0.000229

H 0.056285 2.876195 0.000341

N -0.142645 1.888632 0.000037

C -2.420146 -0.940086 -0.000337

H -2.155773 -2.016993 0.000555

O -3.592870 -0.595932 0.000471

PhNH2.log

Energy (E) = -287.522023948 Hartree

Enthalpy (H) = -287.396740 Hartree

Gibbs free energy (G) = -287.432479 Hartree

Charge = 0, Spin = 1

C 0.937825 0.000001 -0.010395

C 0.221318 -1.205602 -0.005538

C 0.221318 1.205602 -0.005536

C -1.168750 -1.199567 0.003526

H 0.761960 -2.148264 -0.010890

C -1.168752 1.199567 0.003526

H 0.761956 2.148267 -0.010884

C -1.877308 -0.000000 0.008125

H -1.702116 -2.145553 0.009007

H -1.702117 2.145552 0.009008

H -2.962008 -0.000001 0.016275

H 2.769951 0.833398 0.284931

N 2.329787 -0.000002 -0.077811

H 2.769950 -0.833384 0.284975

HCN.log

Energy (E) = -93.3926522795 Hartree

Enthalpy (H) = -93.372517 Hartree

Gibbs free energy (G) = -93.395340 Hartree

Charge = 0, Spin = 1

C -0.000000 0.000000 0.500595

H -0.000000 0.000000 1.571369

N 0.000000 -0.000000 -0.653563

AcOH.log

Energy (E) = -229.025238682 Hartree

Enthalpy (H) = -228.957158 Hartree

Gibbs free energy (G) = -228.989833 Hartree

Charge = 0, Spin = 1

C -1.392204 -0.109516 -0.000011

H -1.911499 0.846910 -0.000125

H -1.676349 -0.689220 -0.881579

H -1.676494 -0.689083 0.881602

C 0.092371 0.119763 0.000117

O 0.642797 1.197939 -0.000046

O 0.775507 -1.037553 -0.000011

H 1.716912 -0.813177 -0.000079

AcO.log

Energy (E) = -228.517926800 Hartree

Enthalpy (H) = -228.463470 Hartree

Gibbs free energy (G) = -228.495450 Hartree

Charge = -1, Spin = 1

C 1.349164 -0.000454 -0.003982

H 1.750762 -0.895625 -0.487613

H 1.751020 0.893735 -0.489229

H 1.702888 0.000523 1.034478

C -0.201949 0.000007 -0.013403

O -0.755993 -1.126732 0.002919

O -0.755002 1.127238 0.002915

H2O.log

Energy (E) = -76.4036713265 Hartree

Enthalpy (H) = -76.378096 Hartree

Gibbs free energy (G) = -76.399519 Hartree

Charge = 0, Spin = 1

O -0.000000 0.000000 0.118721

H 0.000000 0.755689 -0.474884

H -0.000000 -0.755689 -0.474884

INT1.log

Energy (E) = -570.417352124 Hartree

Enthalpy (H) = -570.242107 Hartree

Gibbs free energy (G) = -570.290390 Hartree

Charge = 0, Spin = 1

C -0.641181 -0.218981 -0.104589

C -1.400348 0.959992 0.065224

C -2.797873 0.947463 0.098335

C -3.424945 -0.278709 -0.042953

C -2.685330 -1.466459 -0.208390

C -1.301934 -1.449668 -0.236811

C 0.742724 0.177354 -0.091915

C 0.766229 1.534658 0.087202

H -3.366883 1.861862 0.229700  
H -4.508907 -0.326587 -0.022391  
H -3.213318 -2.409016 -0.310317  
H -0.734604 -2.368104 -0.347899  
H 1.610392 2.206658 0.146261  
H -0.763505 2.976054 0.300510  
N -0.514693 2.008523 0.178632  
C 1.902439 -0.759935 -0.235411  
H 1.827314 -1.310516 -1.179795  
H 1.776979 -1.316749 1.611978  
C 3.183487 -0.006510 -0.285288  
N 4.185694 0.572034 -0.300832  
O 1.951990 -1.751592 0.769365

#### INT2.log

Energy (E) = -781.495149610 Hartree  
Enthalpy (H) = -781.221363 Hartree  
Gibbs free energy (G) = -781.285066 Hartree  
Charge = 0, Spin = 1

C -2.156798 -0.447694 0.000246  
C -3.360409 0.284257 -0.000049  
C -4.615953 -0.314021 -0.000531  
C -4.653497 -1.700388 -0.000713  
C -3.471203 -2.455361 -0.000381  
C -2.224796 -1.845599 0.000117  
C -1.090146 0.543034 0.000869  
C -1.710152 1.799513 0.000835  
H -5.523470 0.279473 -0.000737  
H -5.611619 -2.208342 -0.001107  
H -3.532681 -3.538194 -0.000488  
H -1.335985 -2.467361 0.000521  
H -1.229669 2.773730 0.000924  
H -3.703801 2.395783 0.000115  
N -3.035255 1.639969 0.000245  
C 0.307926 0.479297 0.001043  
H 0.841745 1.441180 0.001868  
C 2.453214 -0.687703 0.000009  
C 3.247862 0.460266 -0.000532  
C 3.025789 -1.958273 0.000397  
C 4.630204 0.309081 -0.000627  
H 2.813820 1.459140 -0.000859  
C 4.409839 -2.088121 0.000238  
H 2.395674 -2.843093 0.000886  
C 5.216700 -0.954701 -0.000272  
H 5.254165 1.196401 -0.001022  
H 4.852981 -3.077990 0.000522  
H 6.296690 -1.054163 -0.000389  
H 0.558564 -1.511485 -0.000888  
N 1.031652 -0.616898 0.000117  
C 1.298281 3.453668 -0.000309  
N 0.586806 4.389985 -0.000560

#### TS1.log

Energy (E) = -781.484038806 Hartree  
Enthalpy (H) = -781.211367 Hartree  
Gibbs free energy (G) = -781.273403 Hartree  
Charge = 0, Spin = 1

Imaginary frequency: -89.3538  
C -2.070057 -0.322823 -0.065058  
C -3.323669 0.158593 -0.495674  
C -4.529637 -0.452175 -0.159848  
C -4.464797 -1.580169 0.641579  
C -3.231711 -2.071680 1.100341  
C -2.037897 -1.455350 0.760464  
C -1.080993 0.580324 -0.624197  
C -1.782646 1.549677 -1.326578  
H -5.477085 -0.055678 -0.507851  
H -5.380699 -2.085747 0.927400  
H -3.214225 -2.946547 1.741184  
H -1.111110 -1.847240 1.165976  
H -1.400484 2.404394 -1.865405  
H -3.818433 1.860645 -1.685088  
N -3.100376 1.295630 -1.259077  
C 0.334119 0.582085 -0.581321  
H 0.869602 1.379511 -1.075401  
C 2.470429 -0.497422 -0.140269  
C 3.218927 0.665503 0.024291  
C 3.085809 -1.741554 -0.273347  
C 4.607686 0.572917 0.029769  
H 2.706269 1.605238 0.208775  
C 4.472954 -1.817103 -0.257912  
H 2.485998 -2.637857 -0.399083  
C 5.237001 -0.660211 -0.114250  
H 5.198168 1.472983 0.163970  
H 4.956934 -2.781957 -0.364393  
H 6.319894 -0.722875 -0.106044  
H 0.564968 -1.253313 0.187445  
N 1.050610 -0.441951 -0.170852  
C 0.682317 2.505590 1.195972  
N 0.303080 3.362211 1.904891

#### INT3.log

Energy (E) = -781.540387645 Hartree  
Enthalpy (H) = -781.266255 Hartree  
Gibbs free energy (G) = -781.326586 Hartree  
Charge = 0, Spin = 1

C -2.084305 -0.042179 0.041217  
C -3.310290 0.399701 -0.505664  
C -4.457803 -0.398292 -0.503338  
C -4.355600 -1.657701 0.062085  
C -3.144598 -2.116000 0.616725  
C -2.010875 -1.322890 0.613063  
C -1.144410 1.033215 -0.140782  
C -1.815336 2.048419 -0.764553  
H -5.390707 -0.043227 -0.928211  
H -5.226845 -2.304259 0.081035

H -3.104219 -3.107055 1.056531  
H -1.085620 -1.681976 1.054242  
H -1.457338 3.020168 -1.072003  
H -3.814535 2.250529 -1.421629  
N -3.113676 1.674638 -0.985813  
C 0.308539 1.029575 0.230568  
H 0.712390 2.035461 0.067869  
C 2.418811 -0.110248 -0.440787  
C 3.246510 0.820655 0.199679  
C 3.001009 -1.258405 -1.000079  
C 4.620817 0.603682 0.266758  
H 2.833596 1.715517 0.652071  
C 4.370947 -1.462356 -0.924636  
H 2.368291 -1.988256 -1.497705  
C 5.195124 -0.532538 -0.291173  
H 5.243873 1.337222 0.769000  
H 4.797835 -2.358707 -1.363880  
H 6.265682 -0.695612 -0.231346  
H 0.518520 -0.752369 -0.797833  
N 1.044109 0.083309 -0.582849  
C 0.457624 0.748907 1.690240  
N 0.578439 0.509380 2.816651

#### INT4.log

Energy (E) = -1239.63235137 Hartree

Enthalpy (H) = -1239.217545 Hartree

Gibbs free energy (G) = -1239.306788 Hartree

Charge = 0, Spin = 1

C -0.720864 1.511574 0.878064  
C -2.072653 1.174460 1.105116  
C -3.125927 1.949422 0.612156  
C -2.797248 3.067178 -0.135297  
C -1.454266 3.415577 -0.380369  
C -0.414195 2.652651 0.120828  
C 0.064018 0.493768 1.522226  
C -0.813873 -0.395338 2.081333  
H -4.158565 1.679517 0.807167  
H -3.589600 3.689161 -0.539181  
H -1.235501 4.298730 -0.971544  
H 0.617963 2.929432 -0.074672  
H -0.615265 -1.307206 2.626141  
H -2.918609 -0.540537 1.999242  
N -2.095699 0.023624 1.856835  
C 1.552729 0.364367 1.405481  
H 2.023598 1.349797 1.536181  
C 3.148674 0.111965 -0.496825  
C 4.277803 0.395016 0.273668  
C 3.256172 0.081222 -1.891824  
C 5.496294 0.651663 -0.352227  
H 4.226735 0.405584 1.356972  
C 4.475697 0.336048 -2.503457  
H 2.378110 -0.143571 -2.491027  
C 5.604545 0.625251 -1.737632

H 6.366272 0.871332 0.258164  
H 4.542688 0.312093 -3.586370  
H 6.556150 0.826120 -2.217655  
H 1.123472 -0.006216 -0.556662  
N 1.892466 -0.191034 0.084339  
C 2.088545 -0.505063 2.474278  
N 2.511373 -1.188318 3.306803  
H 1.308931 -1.916902 0.087890  
C -0.410505 -2.457121 -0.478671  
C -1.456036 -3.521209 -0.351744  
H -2.391901 -3.040386 -0.053203  
H -1.614979 -3.975131 -1.333582  
H -1.164025 -4.288895 0.362866  
O -0.576414 -1.425448 -1.127029  
O 0.713414 -2.710473 0.161133  
C -3.979198 -0.657425 -1.110781  
C -5.213776 0.054481 -1.594364  
H -6.029061 -0.090358 -0.887382  
H -4.996426 1.119808 -1.704851  
H -5.500550 -0.327792 -2.577225  
O -3.928177 -1.306219 -0.078381  
O -2.957142 -0.498922 -1.936293  
H -2.135494 -0.916902 -1.572292

#### TS2.log

Energy (E) = -1239.59270388 Hartree

Enthalpy (H) = -1239.178359 Hartree

Gibbs free energy (G) = -1239.267019 Hartree

Charge = 0, Spin = 1

Imaginary frequency: -126.7674

C -0.799866 2.130097 0.436740  
C -2.087149 1.575589 0.432751  
C -3.159409 2.165265 -0.219727  
C -2.906564 3.361729 -0.883201  
C -1.627624 3.933785 -0.888488  
C -0.560232 3.326666 -0.233438  
C 0.031541 1.196249 1.184275  
C -0.851036 0.139439 1.585413  
H -4.141393 1.707319 -0.217456  
H -3.714022 3.859329 -1.409051  
H -1.466615 4.866860 -1.417573  
H 0.427359 3.776482 -0.250996  
H -0.601222 -0.755838 2.139984  
H -2.920139 -0.338405 1.147818  
N -2.065310 0.372136 1.156403  
C 1.393444 1.199455 1.319360  
H 1.979329 2.071134 1.053075  
C 3.596500 -0.057090 -0.664763  
C 3.977584 -1.340718 -0.254609  
C 4.578398 0.883926 -0.995901  
C 5.325463 -1.673323 -0.189026  
H 3.210367 -2.064653 0.000143  
C 5.922492 0.537955 -0.927616

H 4.283863 1.881945 -1.308937  
C 6.304271 -0.740136 -0.523614  
H 5.611524 -2.671891 0.125584  
H 6.676308 1.272828 -1.191899  
H 7.354683 -1.005790 -0.471269  
H 1.996901 1.036676 -1.310403  
N 2.241502 0.294880 -0.666051  
C 2.065274 0.220973 2.117734  
N 2.612847 -0.567739 2.766577  
H 1.589295 -0.496723 -0.729411  
C -0.612407 -2.058264 -0.658830  
C -1.479819 -3.190642 -0.167342  
H -2.158190 -2.817219 0.606742  
H -2.101187 -3.573268 -0.980070  
H -0.854406 -3.983135 0.239156  
O -1.208732 -1.066061 -1.278340  
O 0.599081 -2.040683 -0.470444  
C -4.430267 -1.439537 -0.191836  
C -5.809487 -2.043751 -0.368785  
H -6.489135 -1.696405 0.410456  
H -6.207244 -1.811355 -1.357293  
H -5.724458 -3.132023 -0.283605  
O -4.066138 -1.184095 0.997444  
O -3.732973 -1.265267 -1.224563  
H -2.231441 -1.137966 -1.240855

INT5\_2.log

Energy (E) = -1239.60542281 Hartree  
Enthalpy (H) = -1239.192896 Hartree  
Gibbs free energy (G) = -1239.282804 Hartree  
Charge = 0, Spin = 1

C 0.378660 1.429532 0.914066  
C -1.009443 1.356144 0.739004  
C -1.735942 2.398059 0.193725  
C -1.029830 3.548855 -0.166117  
C 0.349768 3.642224 0.026735  
C 1.073516 2.580822 0.575102  
C 0.770830 0.128724 1.456576  
C -0.506706 -0.599378 1.584761  
H -2.805623 2.316594 0.037299  
H -1.564548 4.386477 -0.600849  
H 0.867753 4.552837 -0.253852  
H 2.145606 2.654319 0.720245  
H -0.616402 -1.609405 1.964568  
H -3.162259 -0.236360 1.174376  
N -1.511401 0.097677 1.175551  
C 1.999193 -0.347402 1.721717  
H 2.893181 0.246622 1.551149  
C 2.821924 0.049260 -1.409322  
C 3.214079 -1.250913 -1.040231  
C 3.669656 1.118861 -1.072959  
C 4.400960 -1.462296 -0.348927  
H 2.564116 -2.085065 -1.286170

C 4.848426 0.895286 -0.369224  
H 3.394731 2.127116 -1.370237  
C 5.225147 -0.394252 0.004690  
H 4.673830 -2.474809 -0.066989  
H 5.481091 1.740775 -0.114980  
H 6.145761 -0.564026 0.552337  
H 1.239338 1.172660 -2.006933  
N 1.650486 0.256344 -2.109553  
C 2.203636 -1.669304 2.221259  
N 2.372641 -2.739319 2.635415  
H 0.966534 -0.494153 -2.046000  
C -1.307102 -1.740722 -1.460368  
C -2.366283 -2.663116 -0.909617  
H -2.664227 -2.327587 0.087903  
H -3.255848 -2.647285 -1.543519  
H -1.969331 -3.674286 -0.844221  
O -1.675993 -0.499257 -1.745896  
O -0.154281 -2.088603 -1.641454  
C -4.764223 -0.219332 0.096958  
C -6.257398 -0.339896 0.186963  
H -6.642682 0.389582 0.903105  
H -6.705329 -0.179065 -0.791657  
H -6.518184 -1.333939 0.558905  
O -4.156753 -0.390444 1.250145  
O -4.178594 0.012847 -0.957576  
H -2.597821 -0.307195 -1.444868

INT5.log

Energy (E) = -1239.61004274 Hartree  
Enthalpy (H) = -1239.198143 Hartree  
Gibbs free energy (G) = -1239.288291 Hartree  
Charge = 0, Spin = 1

C 2.884265 -0.518121 0.262124  
C 2.054469 -1.647401 0.253822  
C 2.361708 -2.772267 -0.490161  
C 3.543375 -2.746059 -1.234671  
C 4.381684 -1.628875 -1.224075  
C 4.060407 -0.497911 -0.471747  
C 2.205405 0.454870 1.120497  
C 0.979227 -0.247883 1.547385  
H 1.705561 -3.635543 -0.496047  
H 3.815658 -3.610125 -1.831669  
H 5.293524 -1.639691 -1.811461  
H 4.710169 0.371318 -0.474292  
H 0.198505 0.161964 2.177055  
H -0.443397 -2.332882 1.088311  
N 0.908866 -1.442442 1.067475  
C 2.583267 1.702658 1.447659  
H 3.504005 2.133609 1.069212  
C 1.809379 2.523916 2.321071  
N 1.196482 3.192732 3.044393  
C -0.076802 2.845575 -0.315029  
C 1.097566 3.208046 -0.973956

C 1.706672 2.283813 -1.823791  
C 1.161092 1.022389 -2.010316  
C -0.021450 0.649487 -1.346486  
C -0.625345 1.581671 -0.481129  
H -0.559834 3.548013 0.356972  
H 1.524068 4.195920 -0.836179  
H 2.621850 2.547218 -2.345932  
H 1.651519 0.305791 -2.663337  
H -1.523905 1.299426 0.056559  
N -0.550798 -0.614756 -1.487525  
H -0.241488 -1.134542 -2.294473  
H -1.546900 -0.693692 -1.311440  
C -2.335607 -2.088949 1.173161  
C -3.663857 -2.738392 0.912961  
H -3.604314 -3.821639 1.010889  
H -4.415125 -2.330927 1.590449  
H -3.955112 -2.482802 -0.110576  
O -1.305562 -2.876872 1.026244  
O -2.224069 -0.896632 1.471171  
C -4.167458 0.543273 -0.763679  
C -5.113618 1.507936 -1.422390  
H -5.273582 1.222404 -2.460589  
H -6.062815 1.533759 -0.883164  
H -4.682967 2.512275 -1.381050  
O -3.555030 -0.324460 -1.367408  
O -4.058060 0.744948 0.540576  
H -3.401793 0.098891 0.928202

TS3.log

Energy (E) = -1239.60413698 Hartree  
Enthalpy (H) = -1239.182534 Hartree  
Gibbs free energy (G) = -1239.267839 Hartree  
Charge = 0, Spin = 1

Imaginary frequency: -367.6887

C -2.743235 0.596866 0.181121  
C -1.913355 1.727972 0.286095  
C -2.230046 2.943915 -0.313775  
C -3.417579 3.006318 -1.030208  
C -4.263152 1.889536 -1.137950  
C -3.939079 0.681876 -0.535769  
C -2.071794 -0.466525 0.906729  
C -0.873850 0.105839 1.393256  
H -1.573164 3.801882 -0.222639  
H -3.700135 3.935926 -1.512885  
H -5.185910 1.975630 -1.702116  
H -4.599313 -0.175142 -0.628401  
H -0.075268 -0.350508 1.959752  
H 0.053704 1.991516 1.228682  
N -0.796598 1.383211 1.039746  
C -2.455135 -1.816452 0.987934  
H -3.470475 -2.069350 0.696209  
C -1.969406 -2.612573 2.084055  
N -1.580141 -3.259497 2.963817

C -0.175739 -2.802471 -0.195931  
C -1.538463 -2.908837 -0.612387  
C -1.972902 -2.063980 -1.681707  
C -1.247288 -0.968417 -2.030392  
C 0.010468 -0.711591 -1.394132  
C 0.564231 -1.708340 -0.523850  
H 0.229575 -3.546137 0.481143  
H -2.056776 -3.848704 -0.452338  
H -2.935918 -2.247255 -2.146241  
H -1.612238 -0.267630 -2.773702  
H 1.561627 -1.559713 -0.127110  
N 0.672882 0.414984 -1.620661  
H 0.303639 1.104545 -2.256298  
H 1.635863 0.524797 -1.294815  
C 2.340311 1.965664 1.273508  
C 3.757547 2.470641 1.066921  
H 3.826500 3.537176 1.279582  
H 4.457670 1.914807 1.694992  
H 4.036351 2.290971 0.023737  
O 1.415401 2.801770 1.394993  
O 2.152760 0.705186 1.284949  
C 4.189368 -0.561764 -0.802141  
C 5.347105 -1.355436 -1.350619  
H 5.457913 -1.173941 -2.418543  
H 6.264364 -1.073315 -0.827555  
H 5.181448 -2.420068 -1.167550  
O 3.516168 0.191269 -1.502346  
O 3.980840 -0.757077 0.476331  
H 3.218144 -0.118998 0.829819

INT6.log

Energy (E) = -1239.61122606 Hartree  
Enthalpy (H) = -1239.199618 Hartree  
Gibbs free energy (G) = -1239.283391 Hartree  
Charge = 0, Spin = 1

C 3.017477 0.393512 -0.117460  
C 2.409684 1.653854 -0.335377  
C 2.957936 2.838335 0.166319  
C 4.130739 2.742605 0.896025  
C 4.751801 1.498291 1.121531  
C 4.208189 0.326857 0.622720  
C 2.168885 -0.579327 -0.750292  
C 1.121570 0.114493 -1.302014  
H 2.477273 3.794934 -0.010506  
H 4.582190 3.643013 1.300306  
H 5.672779 1.461315 1.694682  
H 4.701752 -0.624684 0.802224  
H 0.248972 -0.245964 -1.825047  
H 0.517349 2.127703 -1.239052  
N 1.268863 1.450263 -1.072984  
C 2.296909 -2.068739 -0.624572  
H 3.307302 -2.316393 -0.282054  
C 2.116311 -2.760055 -1.907738

N	1.952346	-3.310634	-2.912911	C	1.730348	-0.218763	-0.299687
C	-0.113574	-2.592368	-0.038690	C	2.939766	-0.165151	0.430198
C	1.293022	-2.668091	0.452567	C	3.808893	-1.257595	0.510112
C	1.517412	-1.936371	1.732357	C	3.441141	-2.413750	-0.157031
C	0.607040	-1.113478	2.266517	C	2.237488	-2.488911	-0.885452
C	-0.685332	-0.941045	1.626766	C	1.379626	-1.405586	-0.961357
C	-1.035496	-1.780040	0.493624	C	1.106107	1.070078	-0.162729
H	-0.367188	-3.197582	-0.904056	C	1.929781	1.826329	0.623291
H	1.569296	-3.722372	0.583763	H	4.734499	-1.200718	1.073564
H	2.488635	-2.046161	2.205085	H	4.092375	-3.281020	-0.115857
H	0.812543	-0.556824	3.174400	H	1.980944	-3.414310	-1.391030
H	-2.034642	-1.694580	0.077698	H	0.447201	-1.471797	-1.513609
N	-1.536961	-0.065650	2.069599	H	1.814726	2.847800	0.956141
H	-1.281643	0.514521	2.858918	H	3.789407	1.426439	1.553786
H	-2.522847	0.041164	1.672715	N	3.033457	1.090962	0.981125
C	-2.037829	2.239075	-1.017408	C	-0.209883	1.462119	-0.784571
C	-3.438166	2.709501	-0.710984	H	-0.120309	1.392134	-1.876678
H	-3.474573	3.797309	-0.714265	C	-0.517112	2.873189	-0.494975
H	-4.135963	2.306529	-1.449552	N	-0.761973	3.979038	-0.253510
H	-3.742310	2.321297	0.265768	C	-1.557599	0.234380	0.987074
O	-1.106458	3.018156	-1.187397	C	-1.375379	0.573532	-0.353729
O	-1.848380	0.940924	-1.086905	C	-2.278960	0.082380	-1.293238
C	-4.537740	-0.367796	0.299109	C	-3.339283	-0.729570	-0.910846
C	-5.997774	-0.778784	0.271277	C	-3.525381	-1.069126	0.436248
H	-6.131382	-1.662450	-0.355446	C	-2.613830	-0.571805	1.381422
H	-6.372647	-0.964581	1.278075	H	-0.853255	0.596604	1.730704
H	-6.580602	0.033323	-0.175100	H	-2.154080	0.330349	-2.344135
O	-4.066589	0.077419	1.377898	H	-4.030373	-1.105398	-1.659737
O	-3.894182	-0.472734	-0.788532	H	-2.738151	-0.826336	2.430084
H	-2.705545	0.379937	-0.930655	N	-4.613504	-1.834339	0.834574
				H	-5.003577	-2.432915	0.121495
				H	-4.499610	-2.320951	1.711558

PD.log

Energy (E) = -781.555429587 Hartree

Enthalpy (H) = -781.281315 Hartree

Gibbs free energy (G) = -781.341947 Hartree

Charge = 0, Spin = 1

## 2. Structural figures of X-ray crystallographic analysis

Datablock 21029\_yzw\_NH2MeOindoleCN - ellipsoid plot













































