











































H	-0.07360500	-1.89516300	2.87370700
C	-1.93447300	-2.47414200	1.94601100
H	-2.21831800	-3.04951100	1.07148900
H	-2.08165900	-3.13493700	2.79538600
C	-2.89393700	-1.26567500	2.07999500
H	-2.40100800	-0.42012600	2.53328000
H	-3.71067900	-1.55410300	2.73604100
N	-3.45041600	-0.81086400	0.80777000
C	-3.21311800	0.47305400	0.46014500
C	-4.47114200	-1.70522600	0.26590500
N	-3.52574800	0.87465500	-0.78405300
H	-5.21913100	-1.14532500	-0.27176600
H	-4.07518800	-2.47666600	-0.38681900
H	-4.97073900	-2.20002500	1.09030500
C	-3.45225600	2.31668600	-1.04671900
C	-3.81542300	0.06220500	-1.96130900
C	-2.15148600	3.04544300	-0.68660600
H	-3.65125500	2.46256400	-2.10195500
H	-4.25551500	2.81721600	-0.51735300
H	-3.44304100	-0.93990300	-1.83071000
H	-4.87343200	0.01885800	-2.20101400
H	-3.30437500	0.48785000	-2.81671500
C	-0.83751700	2.53607100	-1.33047200
H	-2.04430600	3.05165900	0.38937100
H	-2.29995900	4.07756900	-0.99571000
H	-1.00171000	2.29349100	-2.37608300
H	-0.11590700	3.34724300	-1.31923500
H	2.02767100	0.26215000	-0.37265600

**10-(H<sup>+</sup>)<sub>2</sub>**

E = -1157.42030

ZPVE = 0.670458

C	0.01625400	-1.22481800	-0.54388500
C	-0.00001500	-0.00001100	-1.20606000
C	-0.01627400	1.22480000	-0.54393600
C	0.17951100	1.21183600	0.84364700
C	0.00006900	0.00002800	1.50476100
C	-0.17944000	-1.21181800	0.84369300
H	-0.00006000	-0.00003700	-2.28297700
H	0.00012300	0.00004300	2.58188800
C	-0.38776500	2.48428500	-1.29696700
H	0.17680100	3.34311900	-0.95747200
H	-0.16887900	2.37107000	-2.35354500
C	-0.68626200	-2.41215200	1.61564200
H	-0.50205600	-2.27041700	2.67509500
H	-0.17661900	-3.32622700	1.33724400
C	-1.89695300	2.79445700	-1.11614000
H	-2.12626300	2.89181300	-0.06045400
H	-2.09513600	3.76432100	-1.55701800
C	-2.20567600	-2.61810100	1.38639000
H	-2.38236300	-2.85730500	0.34316800
H	-2.51239400	-3.48739700	1.95633000
C	-2.84731700	1.76011600	-1.77228800
H	-2.29095500	1.02149900	-2.33078600
H	-3.48429900	2.25791800	-2.48566500

C	-3.27967600	0.19910700	0.01274900
C	-3.09149700	-1.41247700	1.79190700
H	-2.51392900	-0.64205700	2.27836700
H	-3.84381300	-1.71969800	2.50358300
N	-3.83685300	-0.78234800	0.67211500
N	-3.77960600	1.03289800	-0.86593100
C	-5.21038600	1.29776200	-1.06654900
H	-5.59401600	0.77954700	-1.93535700
H	-5.77161100	1.01944000	-0.19100200
H	-5.32892300	2.36137400	-1.21182300
C	-5.12565300	-1.40931000	0.35331800
H	-5.91163500	-1.03871400	0.99745500
H	-5.38407300	-1.24959500	-0.67963700
H	-5.02038500	-2.47271700	0.51099900
C	0.38765600	-2.48430400	-1.29693400
H	-0.17689200	-3.34312900	-0.95739000
H	0.16868300	-2.37108600	-2.35349500
C	1.89684500	-2.79453100	-1.11620500
H	2.12619200	-2.89203200	-0.06053800
H	2.09494200	-3.76435500	-1.55721300
C	2.84730500	-1.76021200	-1.77225100
H	2.29103100	-1.02163300	-2.33089400
H	3.48437200	-2.25807900	-2.48550300
N	3.77952400	-1.03295100	-0.86585000
C	3.27963900	-0.19915200	0.01283700
C	5.21031200	-1.29781800	-1.06650400
N	3.83685500	0.78238600	0.67204400
H	5.59386600	-0.77972200	-1.93541600
H	5.77160000	-1.01934700	-0.19104800
H	5.32885500	-2.36145100	-1.21162000
C	3.09162900	1.41267300	1.79183900
C	5.12569800	1.40921000	0.35314300
C	2.20573000	2.61823800	1.38628500
H	2.51413000	0.64231500	2.27849100
H	3.84404500	1.72001700	2.50335100
H	5.91162900	1.03878700	0.99744400
H	5.38417300	1.24915600	-0.67974800
H	5.02046100	2.47267000	0.51047900
C	0.68632500	2.41222400	1.61551300
H	2.38244600	2.85749700	0.34308400
H	2.51240500	3.48751800	1.95627400
H	0.50216500	2.27053800	2.67497900
H	0.17661700	3.32626200	1.33709400
H	-2.24189200	0.34502700	0.22624200
H	2.24186000	-0.34500700	0.22636800