

Table of Bond Enthalpies (kJ/mole) at 25 °C					
Bond	Enthalpy	Bond	Enthalpy	Bond	Enthalpy
H-H	435	C-N	301	P≡P	490
H-F	569	C-O	352	Br-Br	193
H-Cl	431	C=O	532	Cl-Cl	243
H-Br	364	C-Br	234	H-Se	276
H-I	297	C-Cl	331	H-Te	243
H-C	414	C-F	440	S=S	427
H-N	460	N≡N	950	C-S	260
H-O	465	N-N	297	H-Si	393
H-S	377	O=O	498	H-P	318
C-C	368	O-O	213	C-Si	289
C=C	724	F-F	159	I-I	151
C≡C	963	Si-Si	339		

Table of Bond Enthalpies (kcal/mole) at 25 °C					
Bond	Enthalpy	Bond	Enthalpy	Bond	Enthalpy
H-H	104	C-N	72	P≡P	117
H-F	136	C-O	84	Br-Br	46
H-Cl	103	C=O	127	Cl-Cl	58
H-Br	87	C-Br	56	H-Se	66
H-I	71	C-Cl	79	H-Te	58
H-C	99	C-F	105	S=S	102
H-N	110	N≡N	227	C-S	62
H-O	111	N-N	71	H-Si	94
H-S	90	O=O	119	H-P	76
C-C	88	O-O	51	C-Si	69
C=C	173	F-F	38	I-I	36
C≡C	230	Si-Si	81		

