

# Bond Energies

C-H	413
C-F	485
C-Cl	328
C-Br	276
C-I	234

N-H	391
N-F	272
N-Cl	200
N-Br	243

O-H	463
O-F	190
O-Cl	203
O-Br	235
O-I	234

H-H	436
H-F	565
H-Cl	431
H-Br	366
H-I	299

F-F	159
Cl-Cl	243
Br-Br	193
I-I	151

C-C	347
C=C	612
C≡C	820

N-N	163
N=N	418
N≡N	941

N-O	201
N=O	607

C-N	293
C=N	615
C≡N	891

C-O	358
C=O	799
C≡O	1072

O-O	146
O=O	495

**Common Bond Energies (kJ/mol)**