

Zero-Point-Exclusive Atomization Energies	
Species	De (kcal/mol)
H ₂	109.48
Li ₂	24.6
B ₂	67.14
C ₂	145.73
N ₂	228.46
O ₂	119.99
F ₂	38.20
Si ₂	74.97
P ₂	117.09
S ₂	101.67
Cl ₂	57.97

Reference :

1. Benjamin J. Lynch, Yan Zhao, and Donald G. Truhlar, *J. Phys. Chem. A* 2003, 107, 1384-1388
2. Curtiss, L. A.; Raghavachari, K.; Trucks, G. W.; Pople, J. A. Gaussian-2 theory for molecular energies of first-and second-row compounds. *The Journal of chemical physics* **1991**, 94 (11), 7221-7230.