求下列反应的标准摩尔反应焓变 Δr*H*θm (298.15 K)：

|  |  |
| --- | --- |
| (1)Fe(s)+Cu2+(aq)→Fe2+(aq)+Cu(s) | (2)AgCl(s)+Br−(aq)→AgBr(s)+Cl−(aq) |
| (3)Fe2O3(s)+6H+(aq)→2Fe3+(aq)+3H2O(l) | (4)Cu2+(aq)+Zn(s) →Cu(s)+Zn2+(aq) |