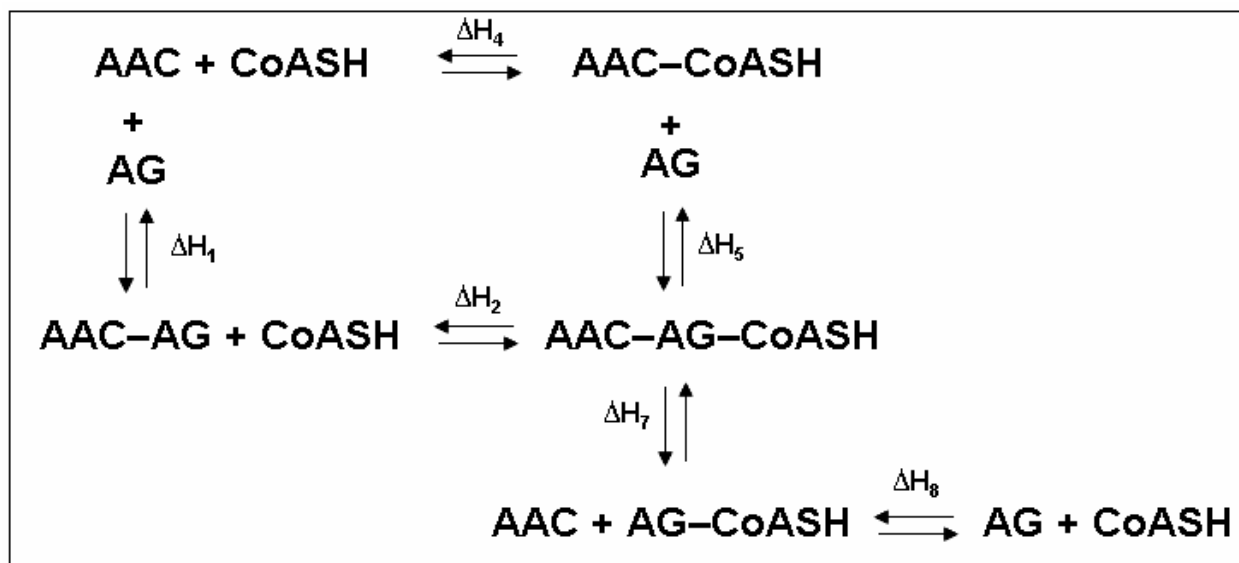
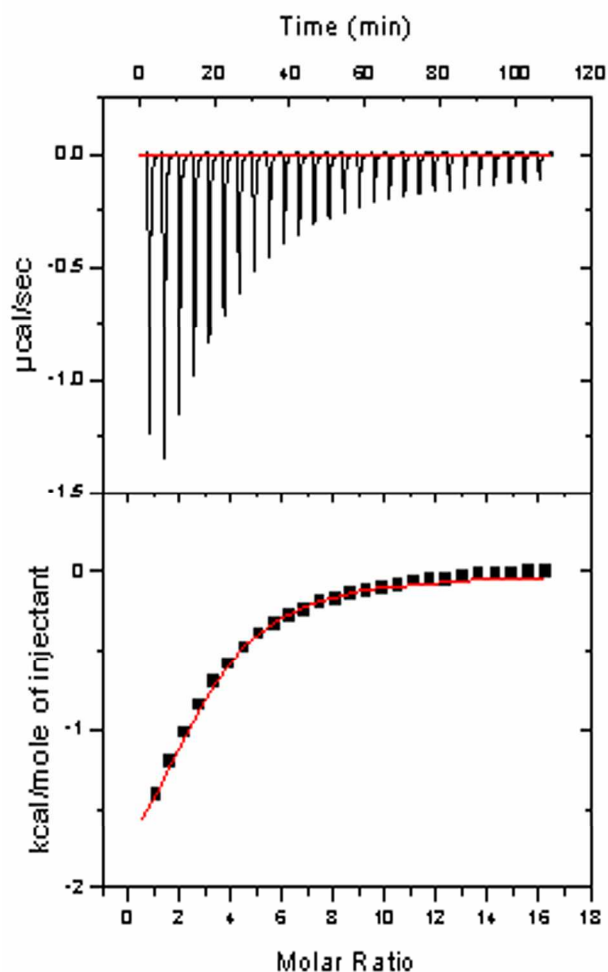


## Supplemental Data



**Figure S1: Thermodynamic Cycle of a Ternary System.** Six equilibria describe a ternary system in which two ligands (coenzyme A, aminoglycoside (AG)) and a protein (AAC) interact.



**Figure S2.** Binding of CoASH to AAC–CoASH. CoASH is titrated into a solution of AAC–CoASH complex where CoASH concentration was just sufficient to occupy >90% of the high affinity binding site, which yielded a monophasic curve. Top panel shows the thermogram and the bottom panel shows the isotherm with fitted data.