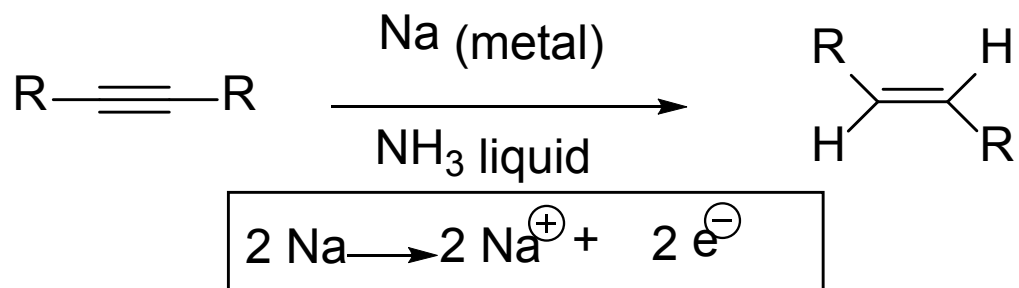


Reaction of an Alkyne with Na (metal) and liquid ammonia (NH₃):



Mechanism Concept:

Na (metal) donates 2 electrons, and NH₃ donates 2 protons.

