**Ynamide-Mediated Peptide Synthesis**

**Significance:** The development of promising coupling reagents is important, especially methods that can be used for amino acids that have a reactive functional group, even such as a hydroxyl group, without protecting it. The authors have developed an ynamide-mediated peptide-bond formation.

**Comment:** The ynamides were smoothly formed in the present of N-methylenemethanesulfonamide. The ynamides could be used as excellent substrates for peptide-bond formation. Furthermore, the system could be applied to the peptide cyclization.