**Selenium Solid Support for the Synthesis of AM-Toxin II**

**Significance:** Side-chain-tethered solid supports are among the critical tools required for solid-phase peptide synthesis. In 2001, Nakamura and co-workers developed an efficient solid-phase route for the synthesis of the cyclic dehydrodepsipeptide AM-toxin II, with the help of a selenium-linked solid support.

**Comment:** AM-toxin II was successfully synthesized with the help of a selenium-linked solid-support-assisted peptide chain elongation, cyclization, and oxidation sequence. This strategy can also be used for the synthesis of unsaturated amino acids or peptides.