S. KNAUER*, N. KOCH, C. UTH, R. MEUSINGER, O. AVRUTINA, H. KOLMAR*
(SULFOTOOLS GMBH, DARMSTADT AND TECHNISCHE UNIVERSITÄT DARMSTADT,
GERMANY)

Sustainable Peptide Synthesis Enabled by a Transient Protecting Group
Angew. Chem. Int. Ed. **2020**, *59*, 12984–12990.

An N-Protecting Group for Solid-Phase Peptide Synthesis in Aqueous Media

Significance: Peptide synthesis in water as the solvent is underdeveloped. The authors have developed a solid-phase peptide synthesis (SPPS) in aqueous media by using a new 2,7-disulfo-9-fluorenylmethoxycarbonyl (Smoc) N-protecting group.

Comment: The authors developed the Smoc group as an N-protecting group. The Smoc group, which is fluorescent, can be used for SPPS in aqueous media and is easily removed.

SYNFACTS Contributors: Hisashi Yamamoto, Tomohiro Hattori
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