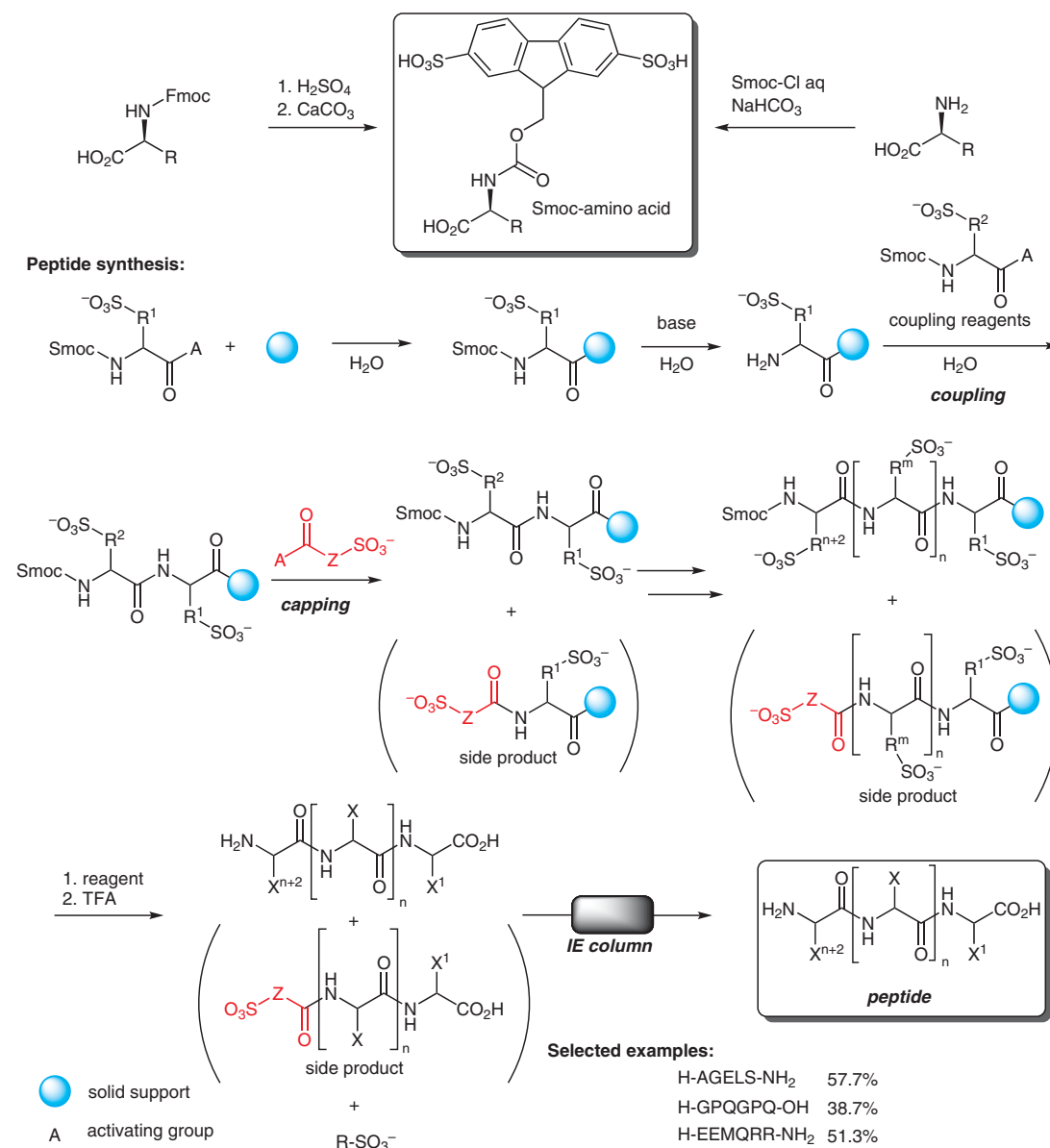


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Sustainable Peptide Synthesis Enabled by a Transient Protecting Group  
*Angew. Chem. Int. Ed.* **2020**, *59*, 12984–12990.

# 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.

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*Synfacts* 2020, 16(09), 1115 Published online: 18.08.2020  
DOI: 10.1055/s-0040-1705854; Reg-No.: H10420SF

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Category

Peptide Chemistry

Key words

solid-phase synthesis

peptide synthesis

aqueous media

protecting group

fluorescence

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Month

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