



Showcasing research from Professor Teck-Peng Loh and Zhenhua Jia's team in Henan Linker Technology Key Laboratory, College of Advanced Interdisciplinary Science and Technology (CAIST), Henan University of Technology, Zhengzhou, P. R. China.

Biocompatible ultrafast thiol-acetalization enabled by triaryl carbenium ion-pair

This thiol-acetalization proceeded efficiently with catalyst loadings as low as 1.0 mol% and was readily scalable to the gram scale. Moreover, the biocompatible, mild, and rapid nature of the reaction makes this strategy highly suitable for future applications in biomolecule derivatization.

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As featured in:



See Peng Chen, Teck-Peng Loh, Zhenhua Jia *et al.*, *Green Chem.*, 2026, **28**, 4029.