



Showcasing research from Professor Fagnoni's laboratory, University of Pavia, Italy and Professor Bernardi's laboratory University of Milan, Italy.

Editing sugars: decatungstate photocatalyzed site- and stereoselective C-H functionalization in β -fucosides

The cover illustrates the photocatalyzed site- and stereoselective functionalization of β -fucosides through the formation of a $C(sp^3)-C(sp^3)$ bond. The excited form of tetrabutylammonium decatungstate (**wO**) selectively abstracts the H atom in the C-5 position of the sugar, generating a C-centered radical which is subsequently engaged in a Giese-type reaction.

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As featured in:



See Sarah Mazzotta, Maurizio Fagnoni, Anna Bernardi *et al.*, *Green Chem.*, 2026, **28**, 2319.