

Proposal of seminar to be held on June 27th, 2023, at the Department of Chemistry “Ugo Schiff”,
Università degli Studi di Firenze

Studies on C–H Activation / Functionalization of Furfural Derivatives

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Abstract: furfural and related compounds are building blocks of industrial interest, obtained from raw biomass. Their use as precursors of bulk commodities and fine chemicals is gaining increasing attention as a green alternative to nonrenewable oil-derived compounds. The functionalization of these platform molecules to obtain a wider range of chemicals opens up new synthetic possibilities and applications, ranging from biofuels to pharmaceuticals. The efforts of our team to achieve direct C–H functionalization of these platform molecules will be presented.

Ref. Mori, A.; Curpanen, S.; Pezzetta, C.; Perez-Luna, A.; Poli, G. *Ole J. Eur. J. Org. Chem.* **2022**, e202200727

