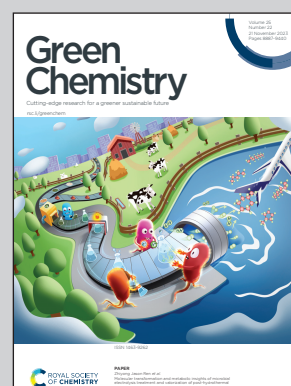


**Showcasing work from the Pilarski lab from the Department of Chemistry – BMC at Uppsala University, Sweden.**

**Solvent-free and ball mill-free catalytic C–H methylation**

A method for regioselective Rh-catalysed C–H methylation is presented. The method avoids the use of toxic solvents on which some previous approaches relied, and does not require automated ball milling, which makes the sustainability benefits of the solvent-free approach broadly accessible. Other advantages include high functional group compatibility and shorter reaction times compared to previous methods. Preliminary insights from scanning electron microscopy are also presented.

**As featured in:**



See Lukasz T. Pilarski *et al.*,  
*Green Chem.*, 2023, **25**, 9138.