

Showcasing research from the group of Professors Serhiy V. Ryabukhin and Dmytro M. Volochnyuk, Enamine Ltd, Taras Shevchenko National University of Kyiv, and the Institute of Organic Chemistry NAS of Ukraine, Kyiv, Ukraine.

Oxetane as a part of modern medicinal chemistry toolbox: the advanced synthesis of 3,3-disubstituted building blocks

This study presents over 100 (mostly novel) 3,3-disubstituted oxetanes, with systematic studies on their stability and extensive optimization of key reactions, enabling scalable access to oxetane-based fragments and their applicability in drug discovery.

Image reproduced by permission of Bohdan Vashchenko and Vladyslava Prykhodko from *Org. Chem. Front.*, 2025, **12**, 3775.







