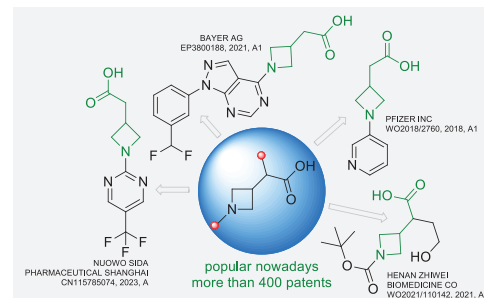


# Unexpected isomerization of azetidine-carboxylic acids

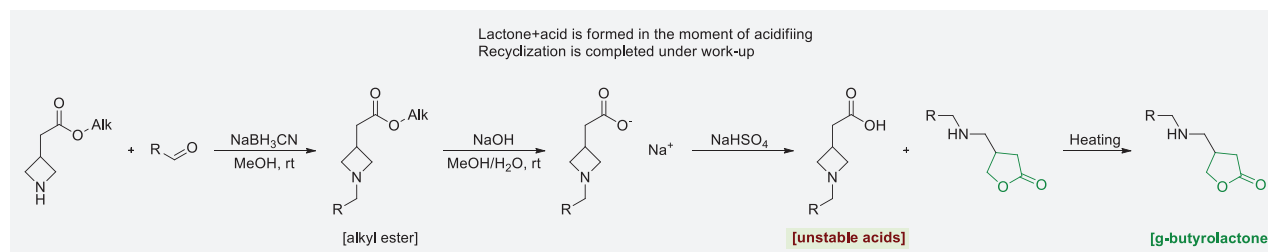
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## Introduction and Aim

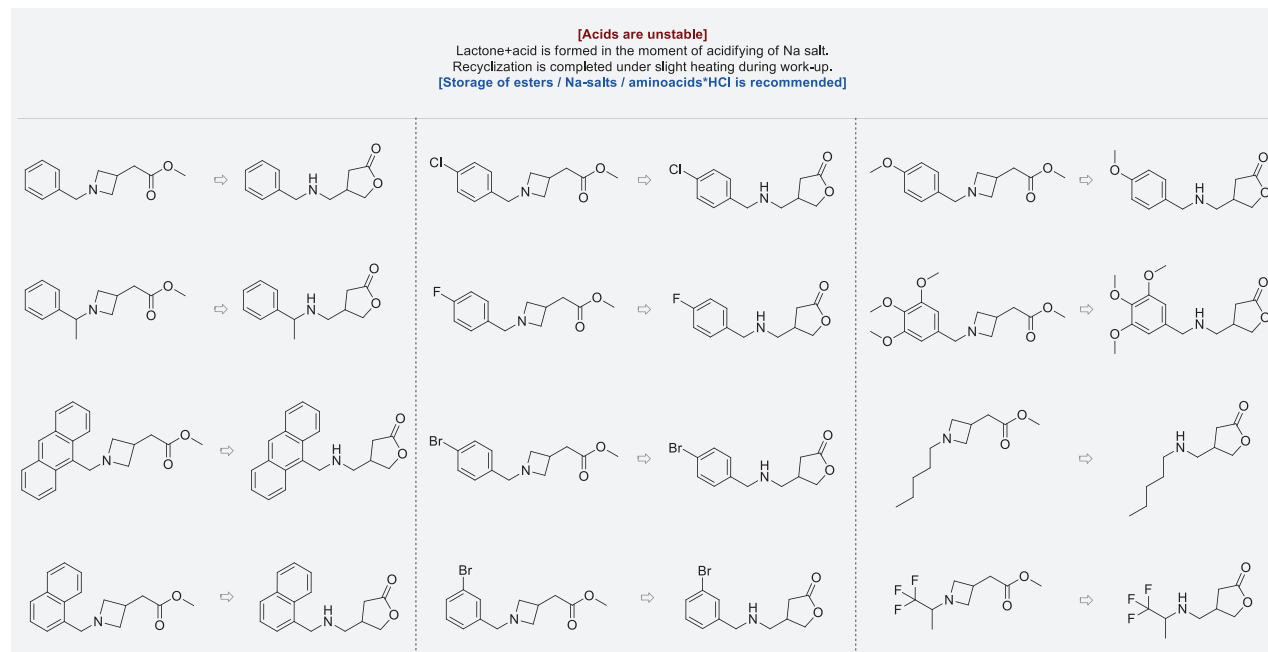
Azetidines are compounds of interest in the field of agricultural, organic and pharmaceutical chemistry. Some pharmacologically important synthetic compounds contain azetidine ring (e.g. Cobimetinib, Siponimod, etc.).<sup>1</sup> Azetidine-carboxylic acids have been used in more than 400 patents<sup>2,3</sup>. Many of these compounds were found to be unstable. They partially or completely isomerize into lactones in the moment of acidifying after saponification. Chemists should take into consideration that azetidine-carboxylic acids have such unexpected ability, as it can lead to unexpected results.



## Synthesis



## Results



## Contact

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