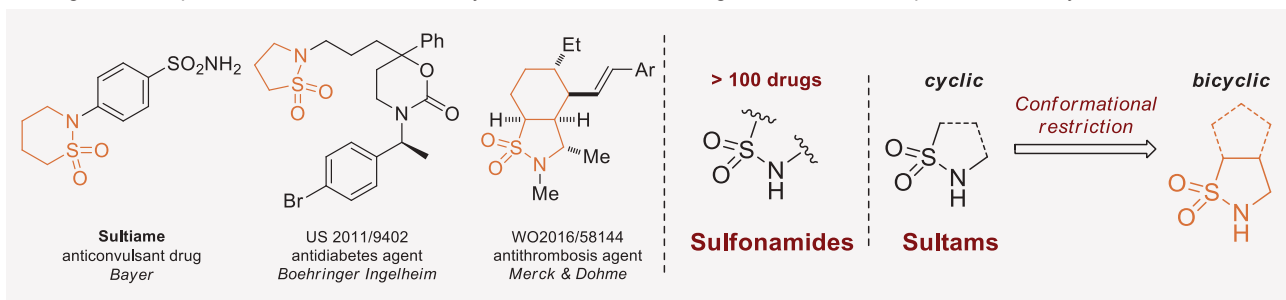


Convenient Access to Conformationally Rigid Sultams

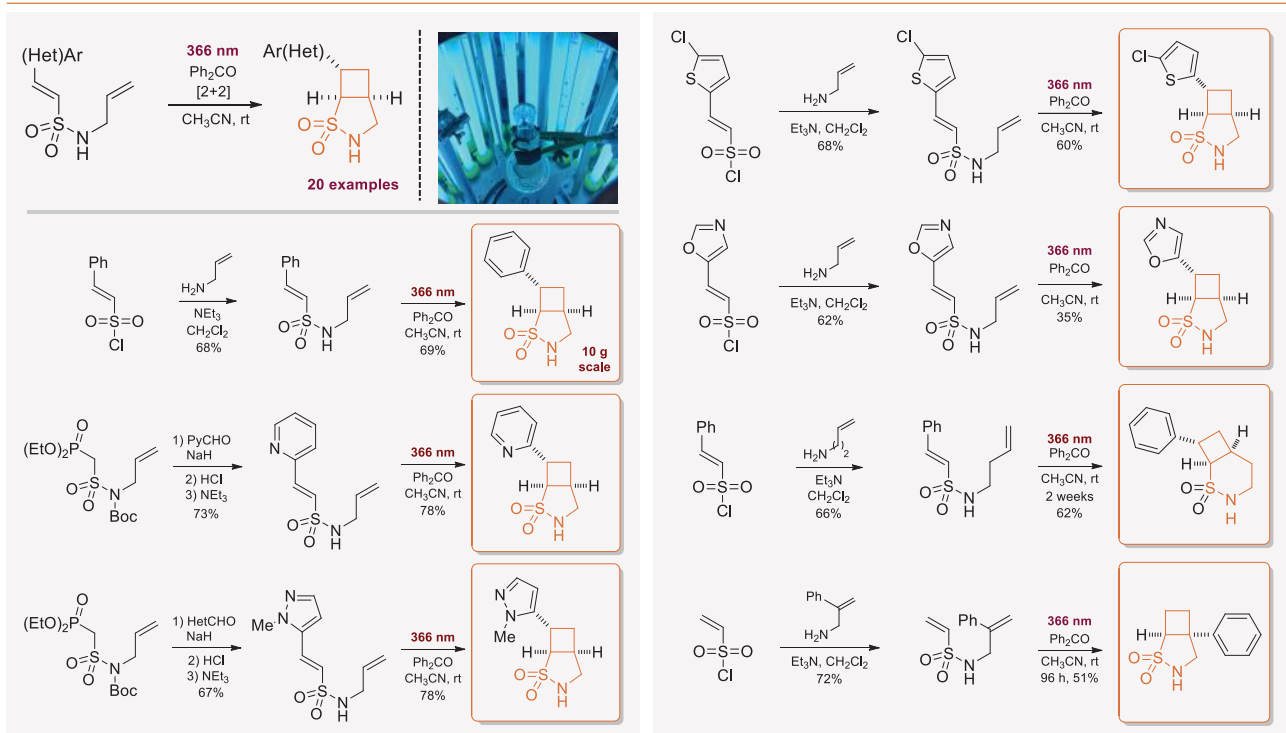
Dmitry Dibchak, Aleksandr V. Denisenko, Pavel K. Mykhailiuk

Introduction and Aim

Since the discovery of the first sulfonamide-containing drug, *Prontosil*, in the 1930s, sulfonamides and sultams have been playing an important role in agrochemistry and medicinal chemistry projects.^{1,2} Cyclic sulfonamides, sultams, are not found in nature, but they often exhibit enhanced biological activity and selectivity, compared to noncyclic analogues. Anticonvulsant drug *Sultiame*, being a monocyclic sultam, is probably the most prominent example. In the past decade medicinal chemists tended to use more often compact bicyclic building blocks, in particular sultams. Herein we synthesized the last missing scaffold in this compound class, bicyclic sultam.³

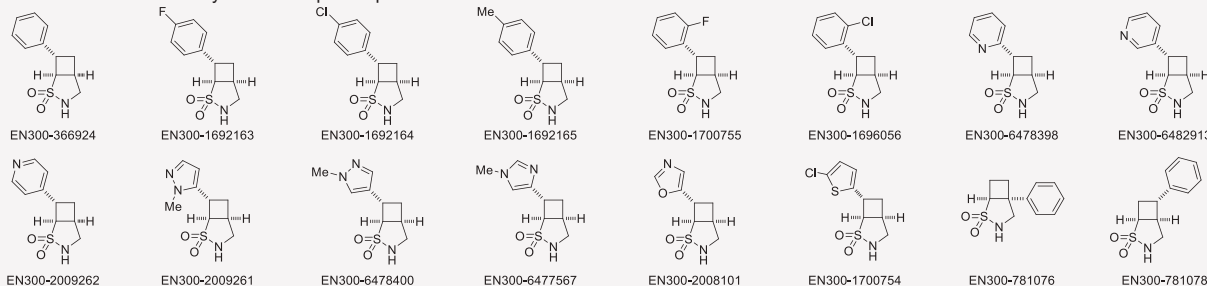


Synthesis



Results

These molecules can be synthesized upon request within 4-6 weeks.



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