Bicyclic amines for drug discovery by [2+2]-photocyclization


Introduction and Aim

"Conformational restriction" concept has already gained a considerable attention in medicinal chemistry. Scientists are looking more and more now on 3D-shaped saturated building blocks.²⁻⁵ In this context, intrinsically conformationally rigid bicyclic amines seem to be promising for drug discovery. In continuation of our ongoing program towards novel building blocks for drug discovery,⁶,⁷ herein we synthesized libraries of diverse bicyclic amines by photochemical [2+2]-cyclization as a key step.⁸⁻¹⁰

Results

Synthesis

References

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