

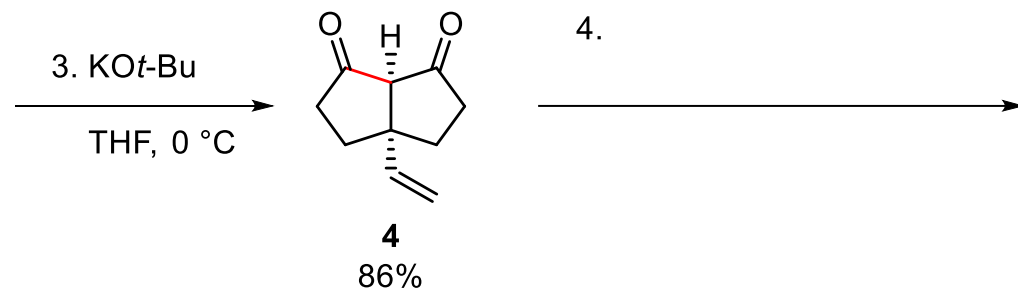
Jiangpeng Liu
Liu Research Group
2/28/2024

Introduction:

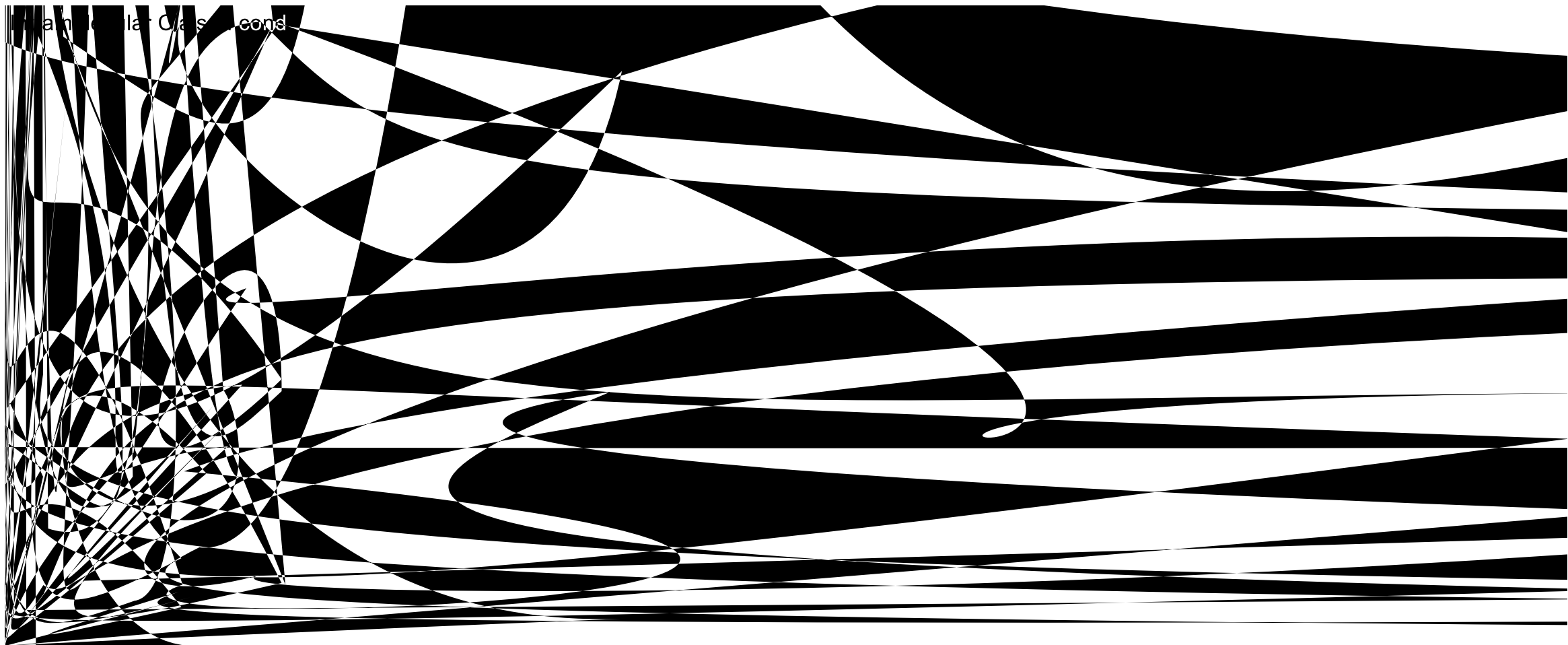
A monoterpene indole alkaloid (MIA) isolated from *Hunteria zeylanica* (Apocynaceae) in 2019 by Zhang, Ye and co-workers
Moderate cytotoxic activity against HepG2 liver cancer cell lines (35)
Featuring a novel 6/7/6/6/5 pentacyclic ring system with an unprecedented azabicyclo[4.3.1]decane core, which presumably arose from bond cleavage and rearrangement of the indole unit

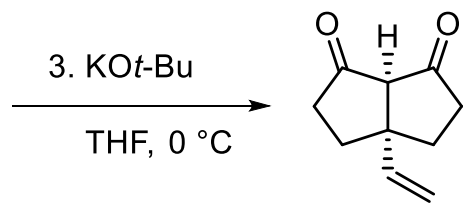
Retro-synthetic route





Advanced Organic Chemistry

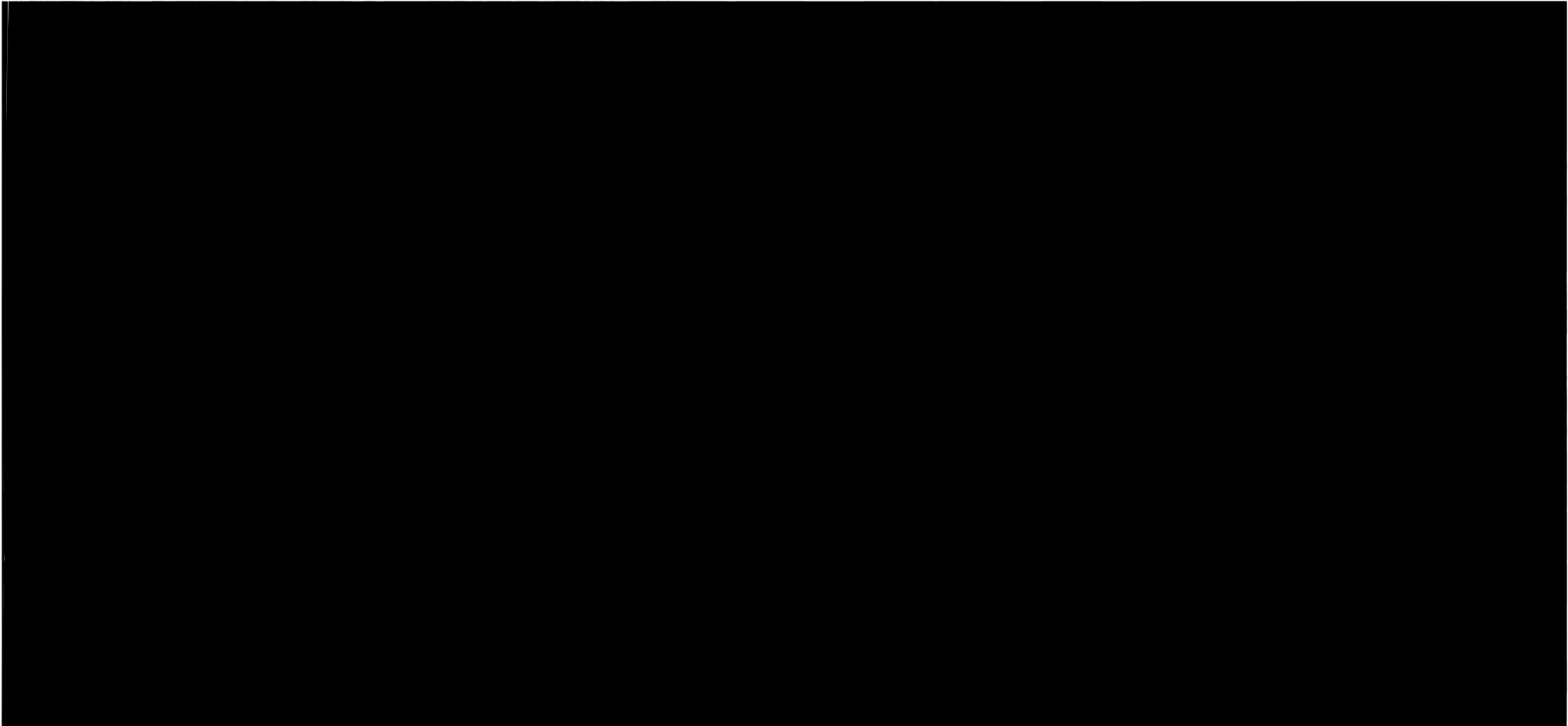
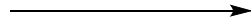


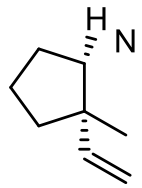


4

86

7.





Transformation of aniline

