

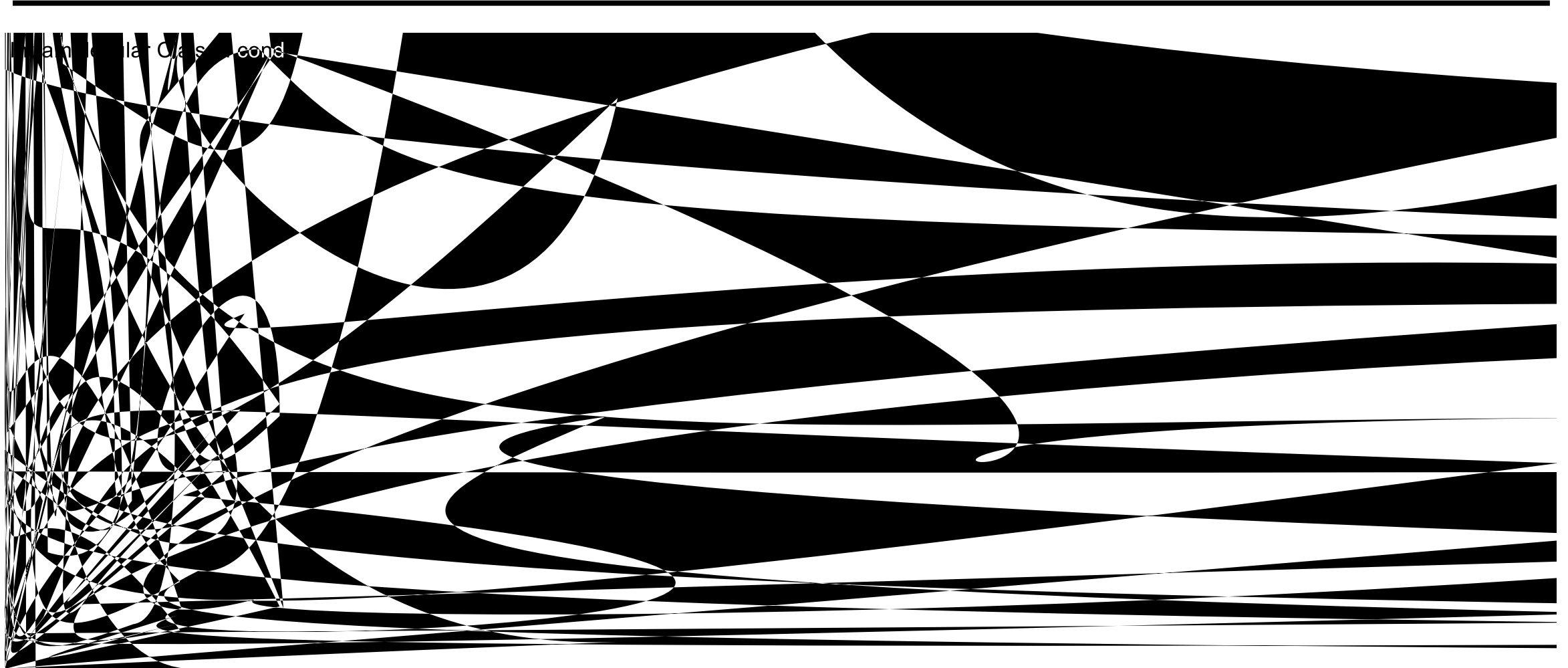
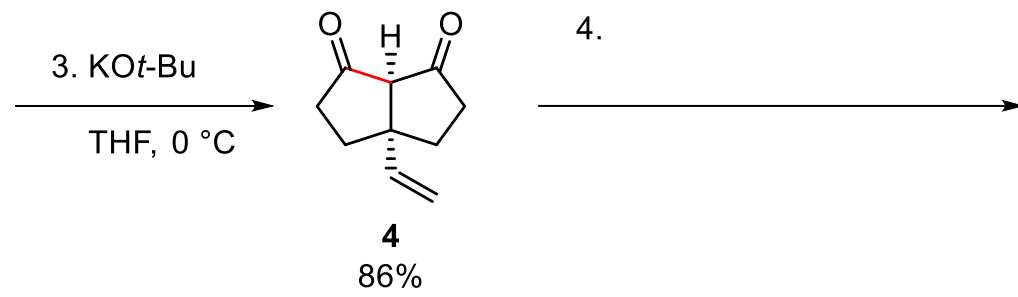
Jiangpeng Liu  
Liu Research Group  
2/28/2024

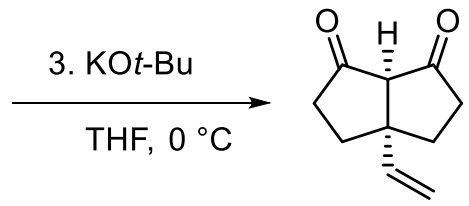
#### Introduction:

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







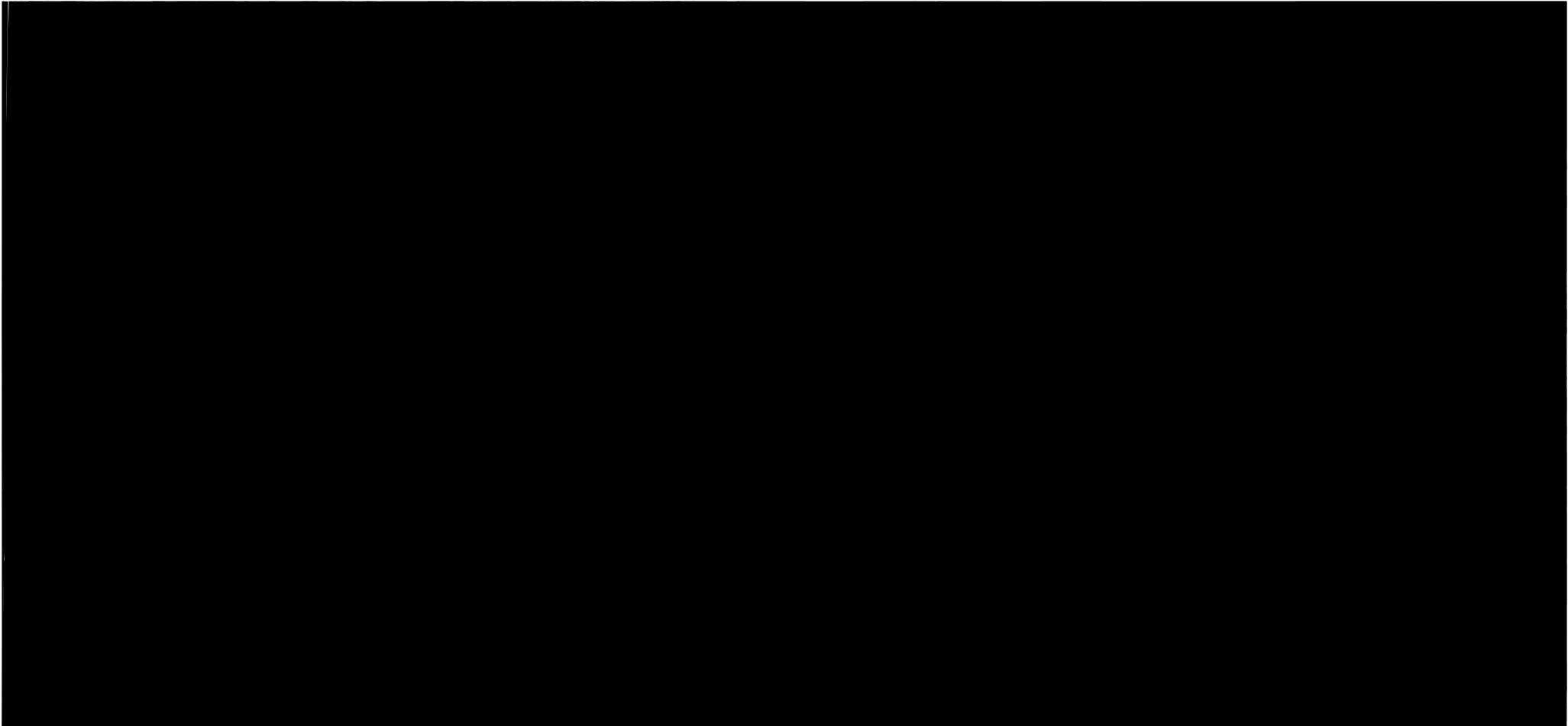
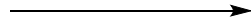
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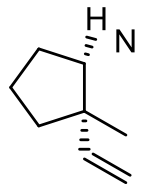


7.









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Transformation of aniline



