Total Synthesis of Dynobactin A

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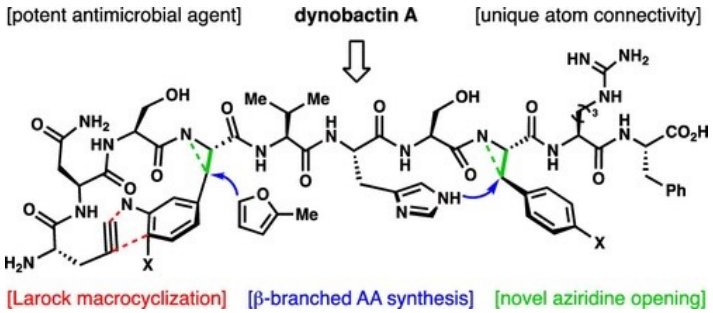
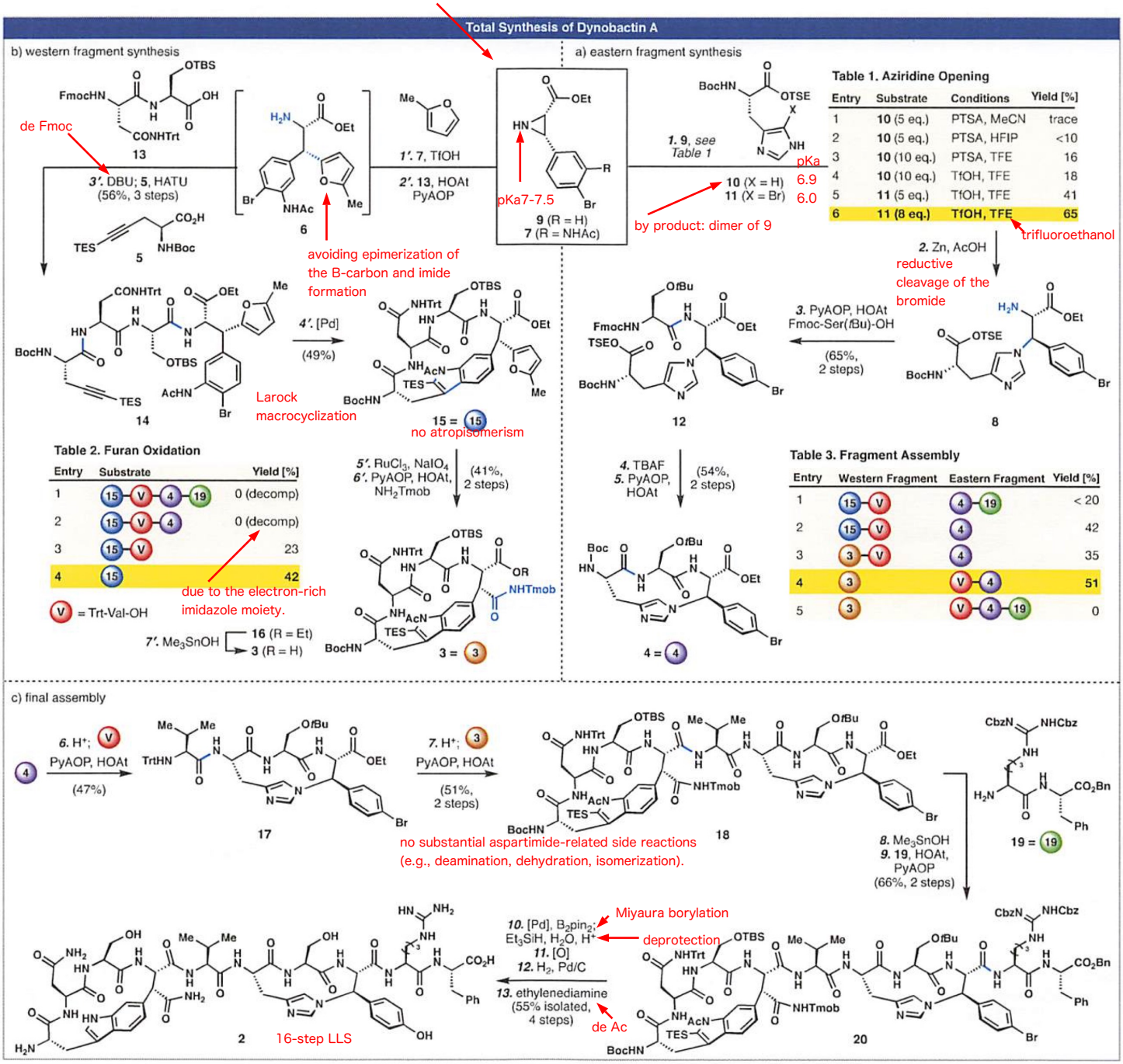
b -aryl-disubstituted amino acids

A unique (and perhaps general) strategy for the synthesis of B-aryl branched amino acids that enlists simple N-H aziridine building blocks

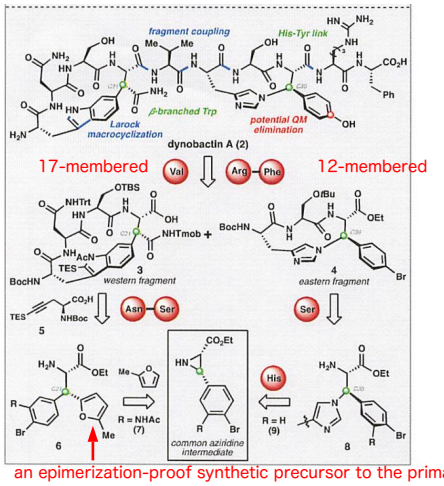
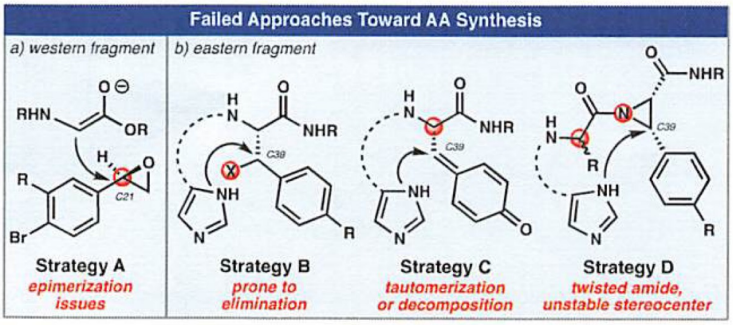
The strategic use of a furan and aryl bromide to shield the most sensitive parts of the final natural product



multi-gram scale in two steps by the multicomponent asymmetric aziridination developed by the Wulff group



a hidden strategic symmetry wherein parallel aziridine openings forge challenging b-aryl-disubstituted amino acids



an epimerization-proof synthetic precursor to the primary asparagine amide