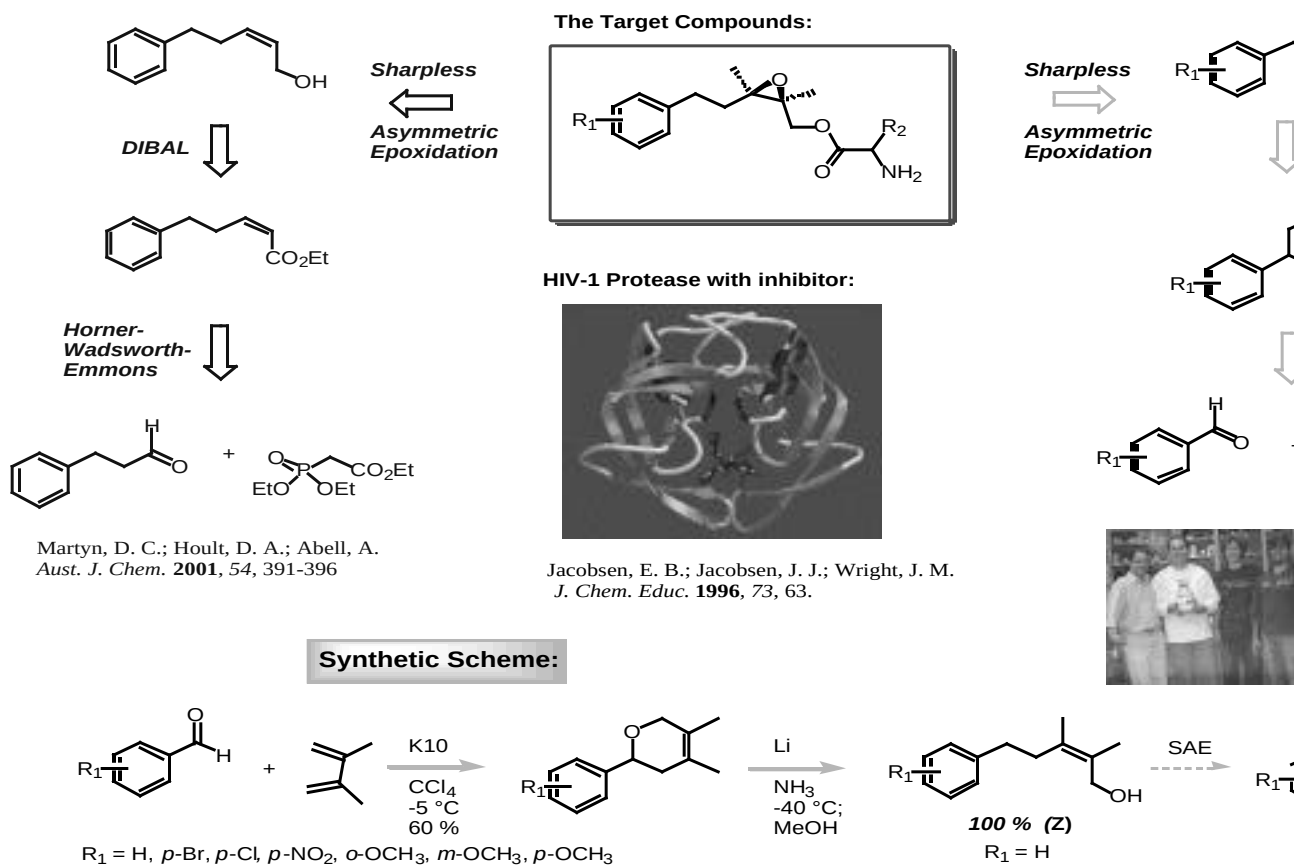


Progress toward the synthesis of *cis*-2,3-epoxy-5-phenylpentan-1-ol derivatives, precursors to potential HIV-1 protease inhibitors

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Abstract: A novel, environmentally friendly synthetic route (green arrows) to a series of *cis*-2,3-epoxy-5-phenylpentan-1-ols (pre protease inhibitors) is shown. Our scheme features a clay-catalyzed hetero-Diels-Alder reaction, followed by a Birch reduction.



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