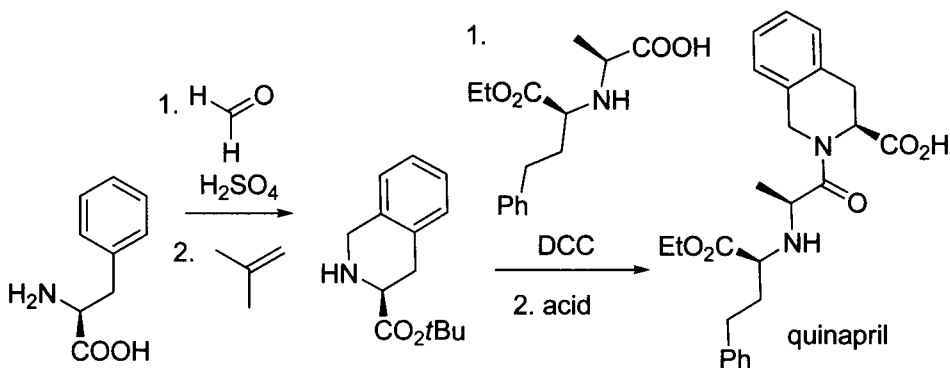


An analogous methodology was used for the synthesis of selective ACE inhibitor quinapril. Condensation of *S*-phenylalanine with formaldehyde in the presence of sulfuric acid produced an intermediate imine, which was readily cyclized to form predominantly only one enantiomer of the tetrahydroisoquinoline core. Protection of carboxylic acid moiety was followed by acylation with the appropriate acid to form quinapril after deprotection.¹²²



The Pictet–Spengler reaction has also been developed on solid-support materials. This advancement provided the opportunity for the synthesis of an array of structurally diverse analogues of saframycin A, an important anti-tumor antibiotic.¹²³