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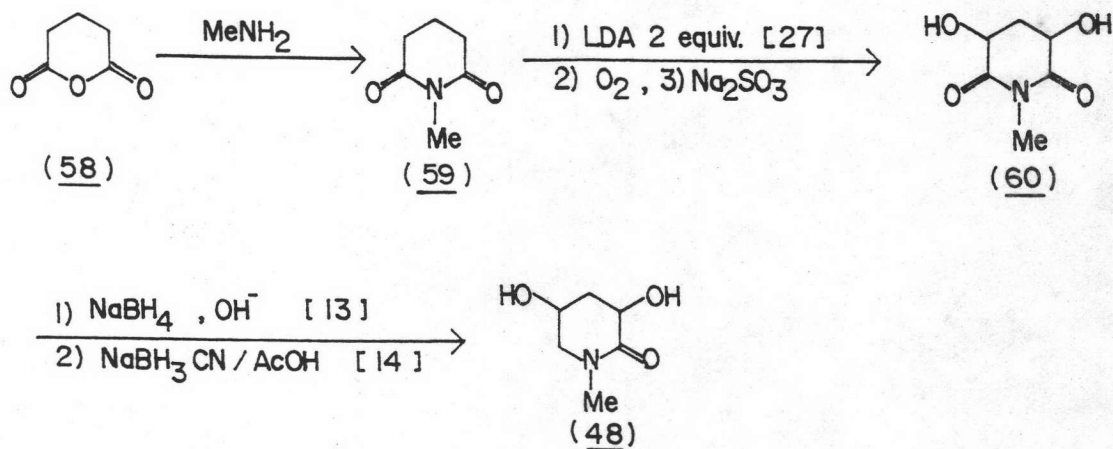


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## APPENDIX

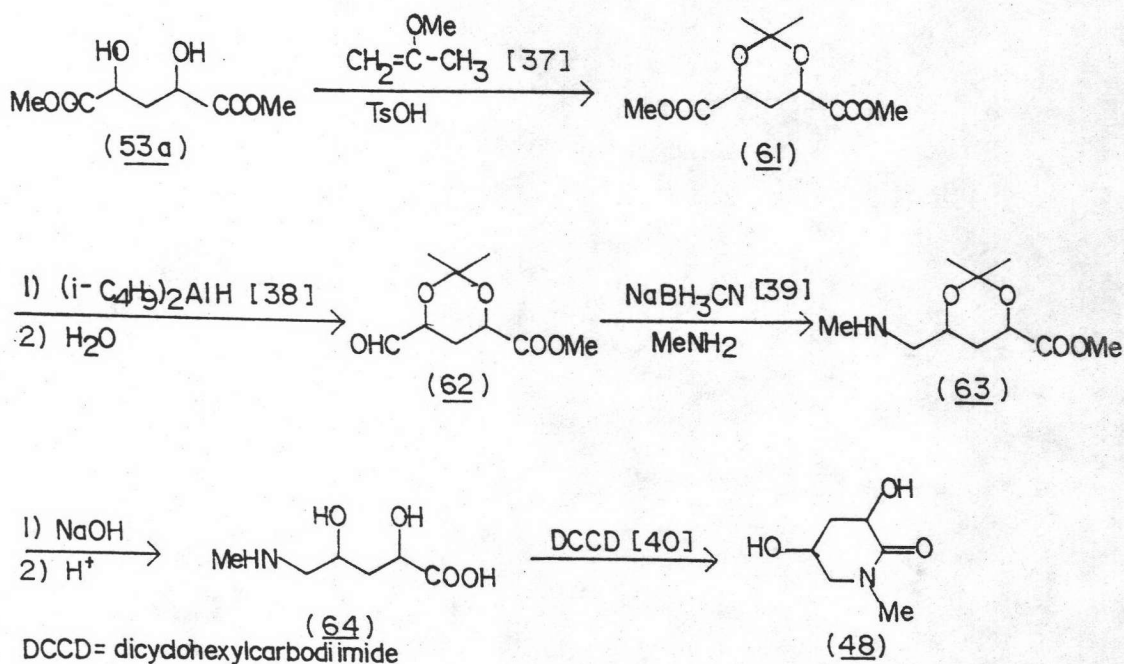
Some other proposed procedures of the synthesis of 3,5-dihydroxy-1-methyl-2-piperidone (48) are shown below:

## Route A



LDA = lithium diisopropylamide

## Route B





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### VITA

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