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Education:

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Research:

Total synthesis of Novel Steroid Analog by Diastereo selective Approaches.

Microbial Transformation of Sterol .

Computer-modelling Aided Synthesis of Non-Steroidal 5a -Reductase Inhibitors.

Representative Publication:

1.Lee,Shoei-Sheng,Lin,Gwo-Sen,and Wang,K.C.,Microbial Reduction of 2-(6-m-Methoxyphenyl-3-oxohexyl)-2,4,5-trimethylcyclopenta-1,3-dione with Schizosaccharomyces pombe(NRRL Y-164), Tetrahedron: Asymmetry,1996,7,1563-1566

2.Lee,Shoei-Sheng,Yan,Jiaan-Long,abd Wang,K.C.,1997,Microbial Reduction of 2-(6-m- Methoxyphenyl-3-oxohexyl-3-oxohexyl)-2,4,4-trimethylcyclopenta-1,3-dion with Schizosaccharomyces pombe (NRRL Y-164),Tetrahedron Asymmetry,1997,8,3051-3058

3.Wang,K.C.,Wang,Peng-Haur,and Lee,Shoei-Sheng,Microbial Transformation of Protopanaxadiol and Protopanaxatriol Derivatives with Mycobacterium sp.(NRRL B-3805),J.Nat.Products,1997,60,1236-1241

4.Lee,Shoei-Sheng,Yan,Jiaan-Long,Lin,Gong-Yin and Wang,K.C.,1998,Microbial Transformation of Dihydrosarsasapogenin with Mycobacterium sp.,ibid,1998,61,275-278

5.Jiann-Long Yan, and Wang,K.C. ,Microbial reduction of 2-(6-m-Methoxyphenyl-3-oxohexyl)-2,4-dimethylcyclopenta-1,3-dione with Schizosaccharomyces pombe(NRRL Y-164),Tetrahedron : Asymmetry,2000,11,1109-1122



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