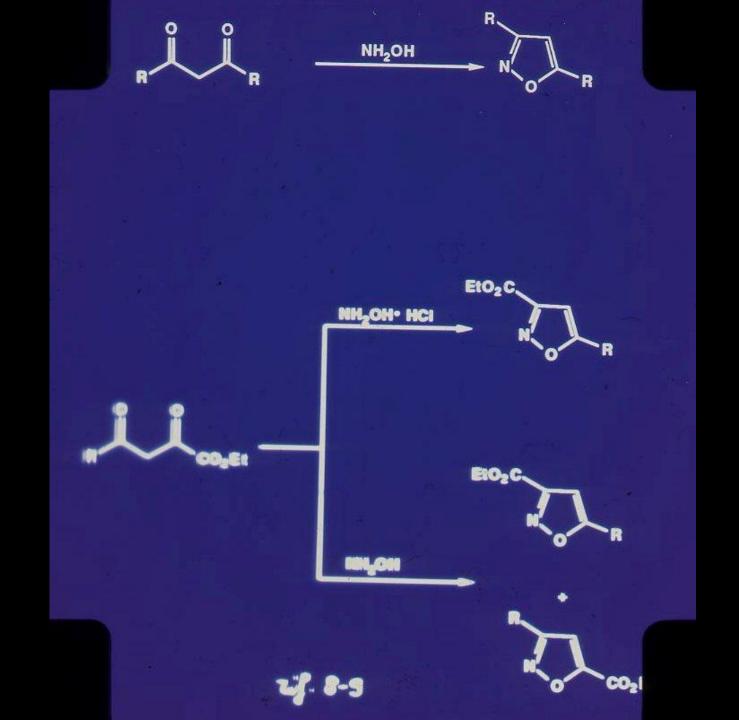
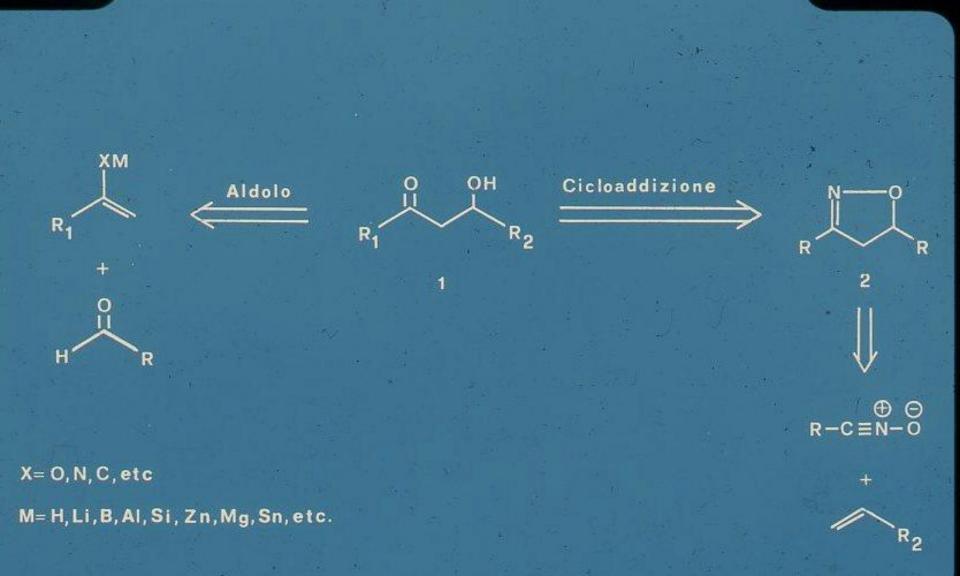
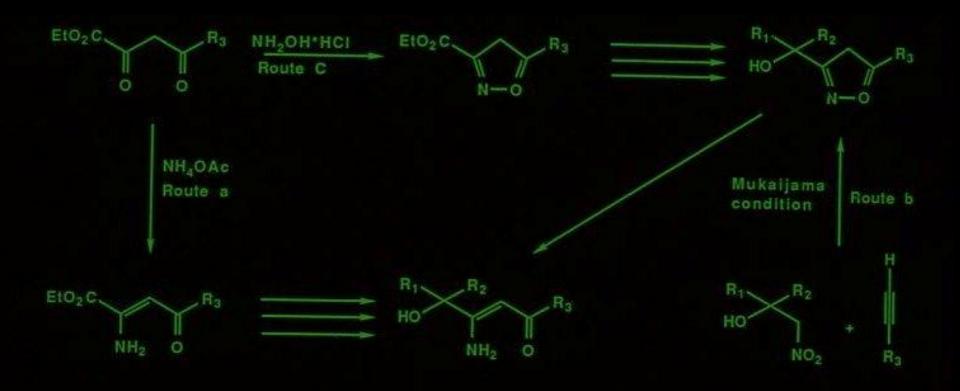
Chemistry Department – Portsmouth University March 1992

Design, Synthesis and Biological Evaluation of Geiparvarin Analogues

Prof. Pier Giovanni Baraldi

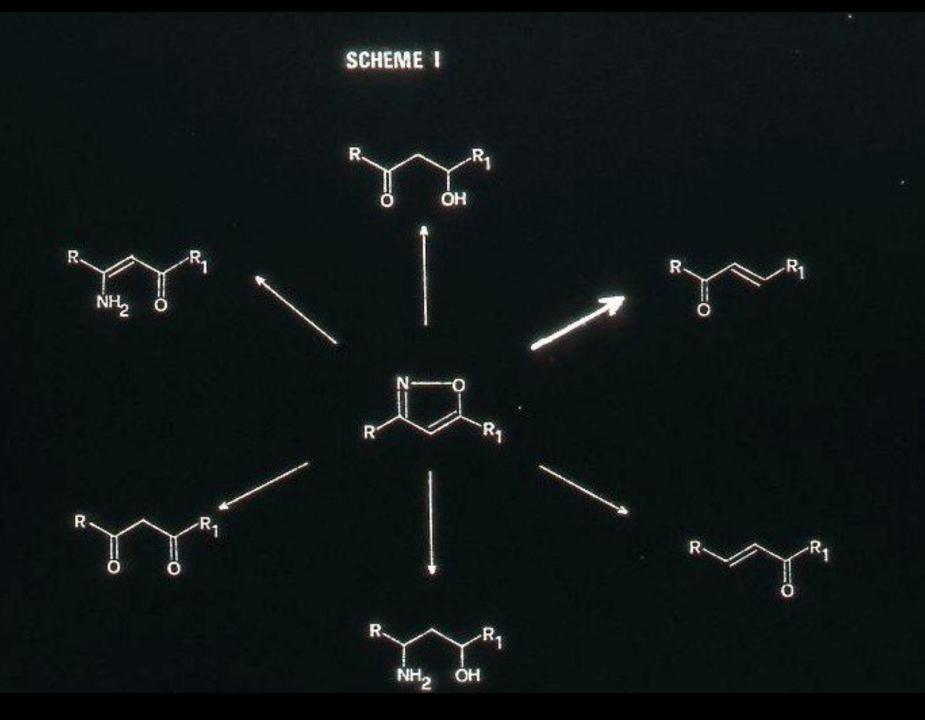


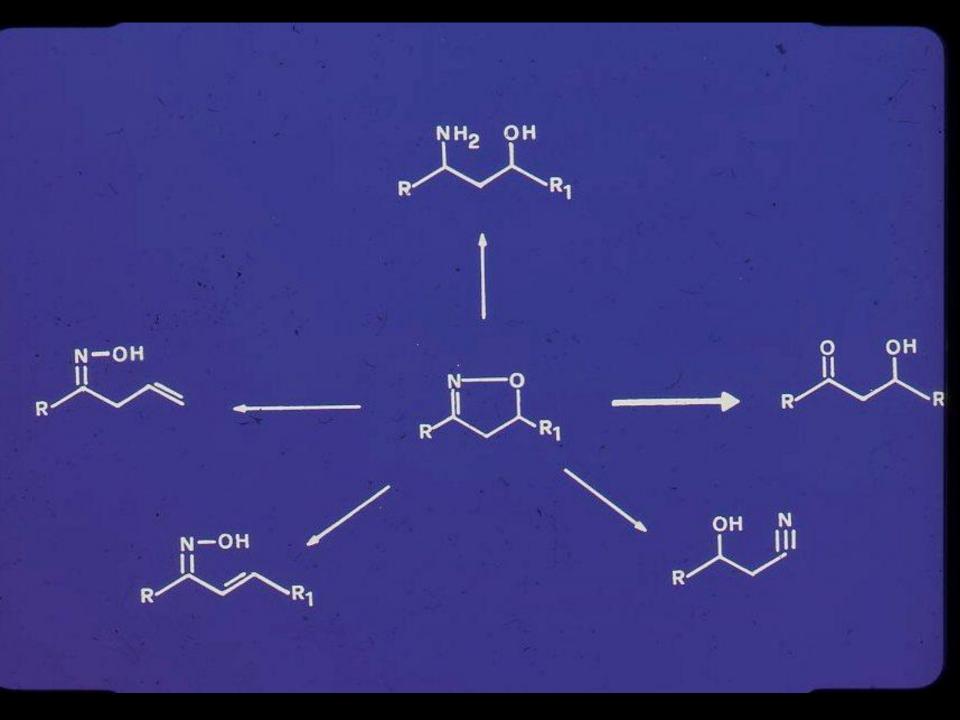


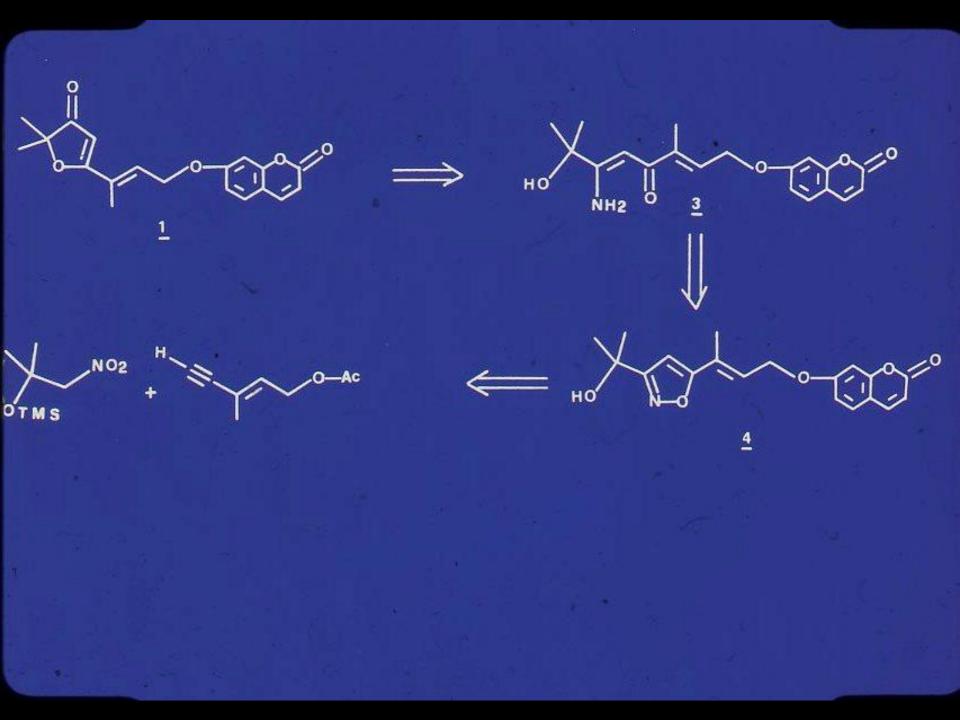


P.G.Baraldi, A.Barco, S.Benetti, S.Manfredini, G.P.Pollini, D.Simoni: Tet.Lett. 4313, 38, (1984); Tet.Lett. 5319, 43, (1985); Tetrahedron 242, 43, (1987); Tetrahedron 44, 1267, (1988)

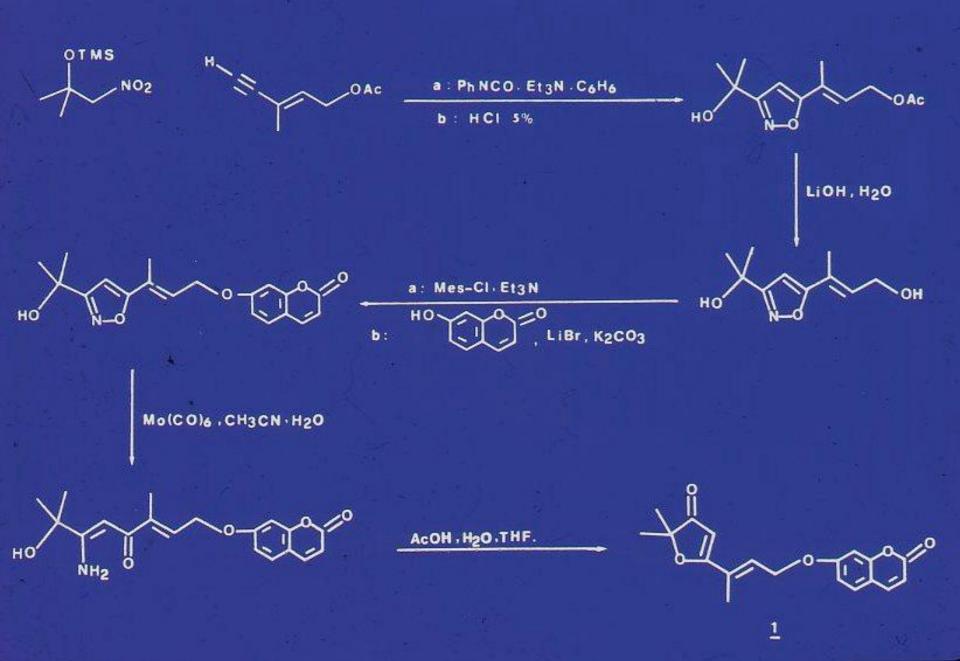
 $R_{I} = C \equiv N = 0$ RI R1. 8- Mn 02 G. Büchi et al. J.A.C.5. 94 , 9128 (1972) RI Re He;cat. C.Kashima et al. NH2 J.Org.Chem. <u>40</u>, 526 (1975) RaCOCI RI NaBHa 0

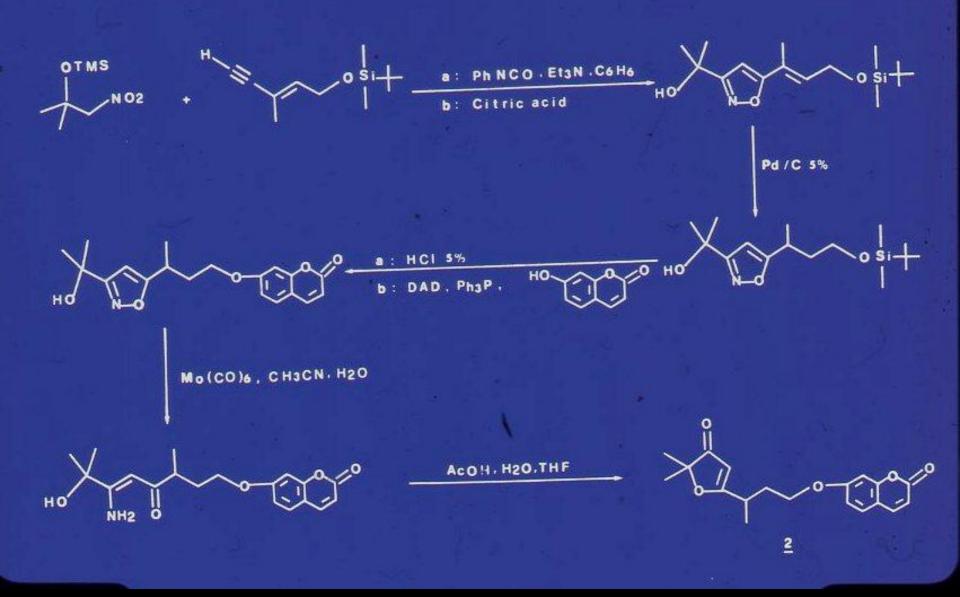


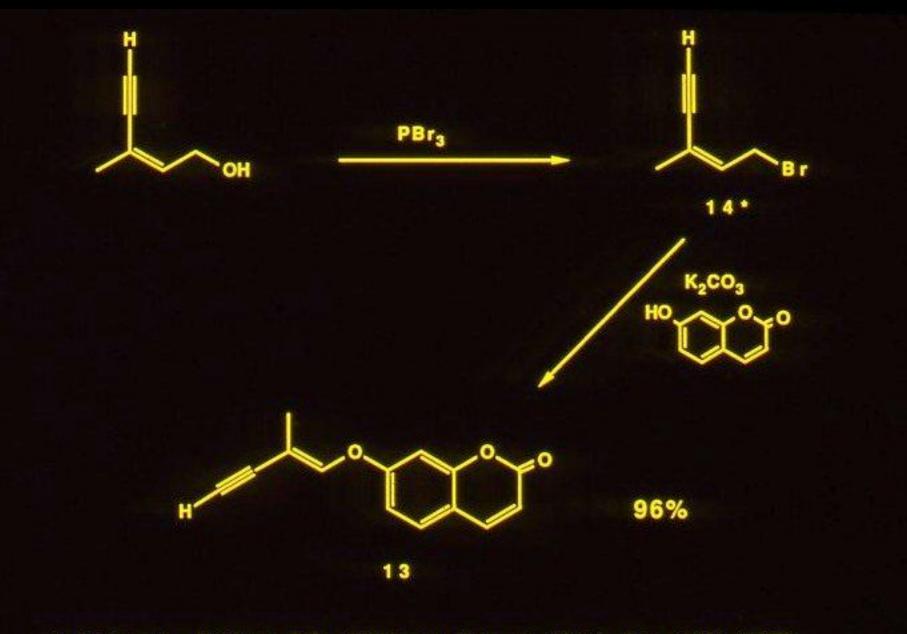




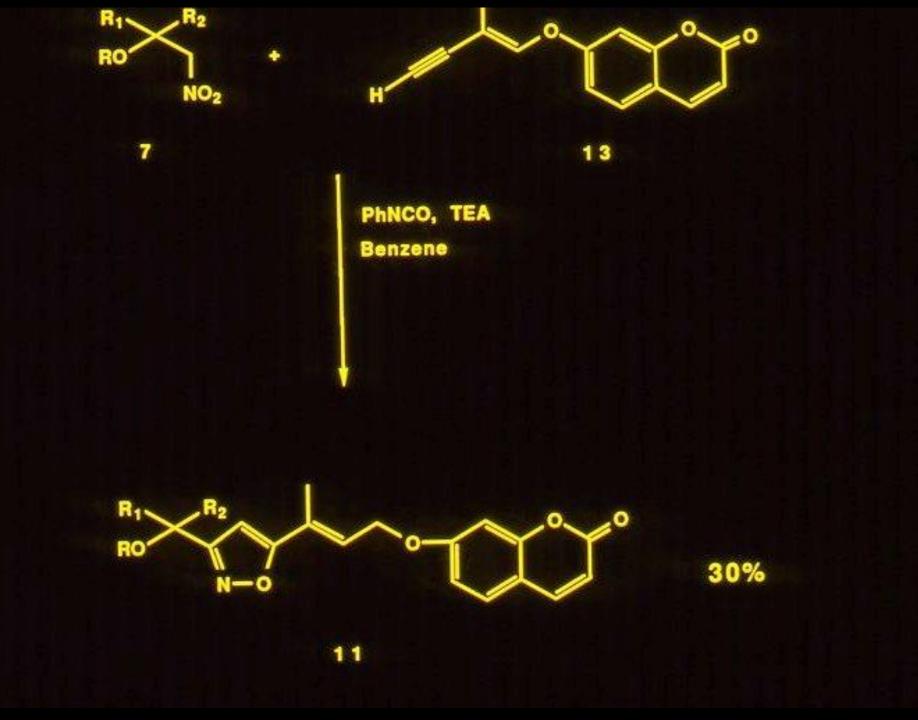
synthetic plan for 1.

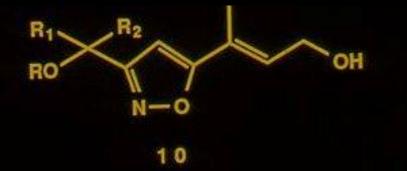


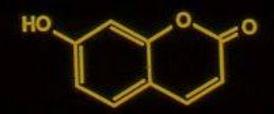




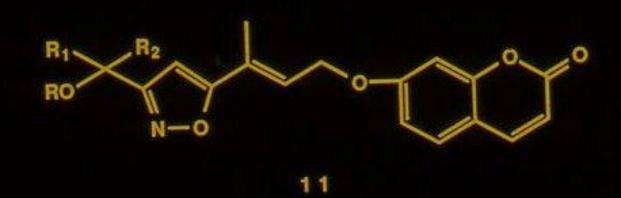
*) Parker w., Raphael R.A., Wilkinson D.J.; J. Chem. Soc. 3871 (1985)



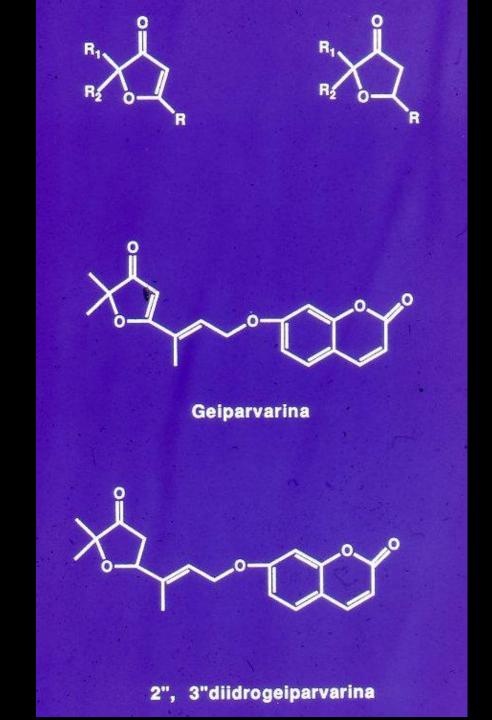


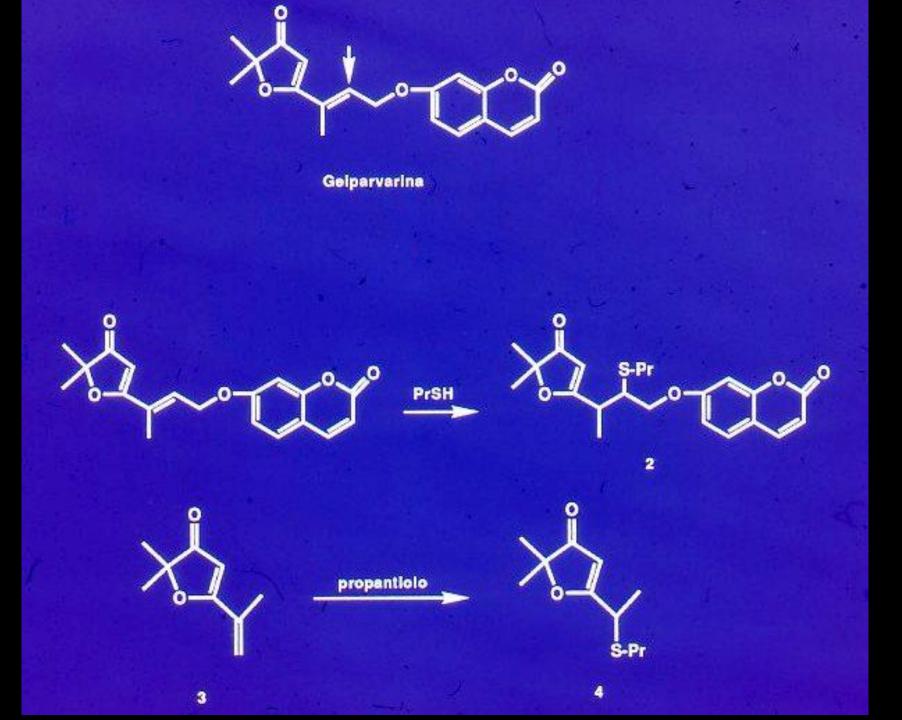


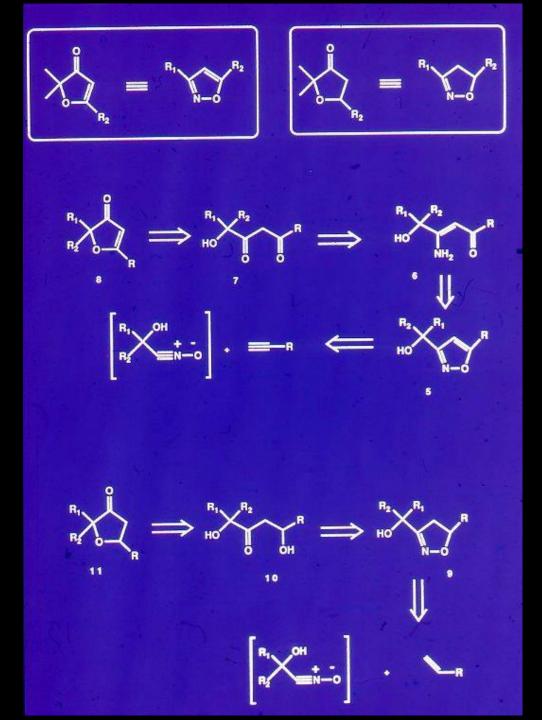
Ph₃P EtO₂C-N=N-CO₂Et

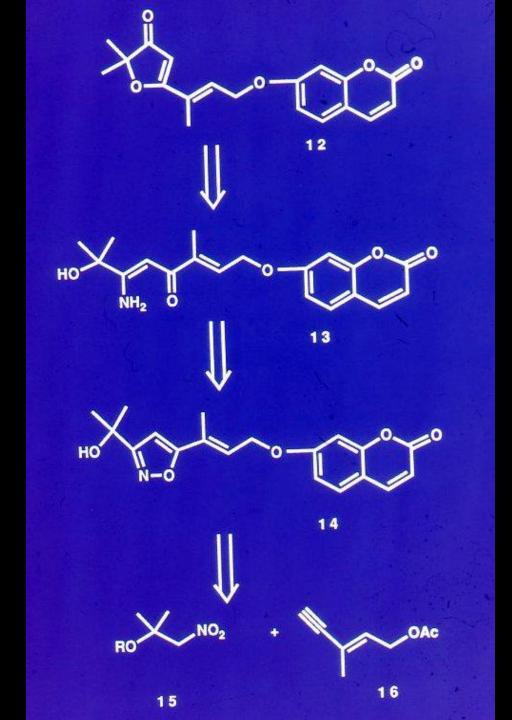


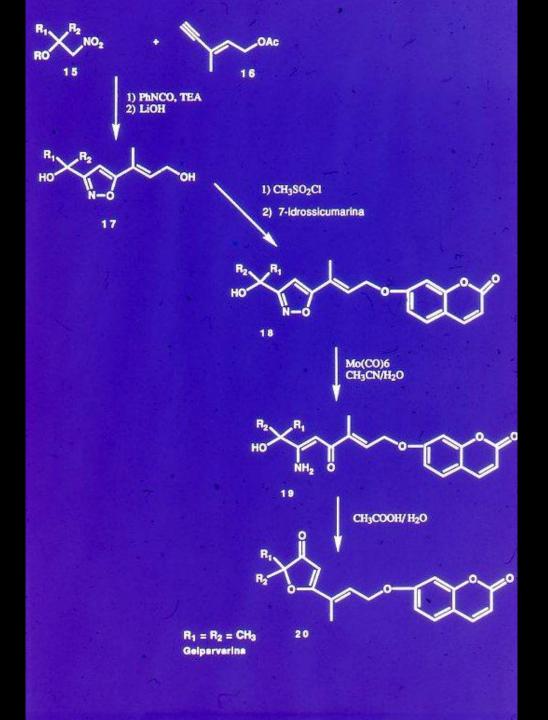
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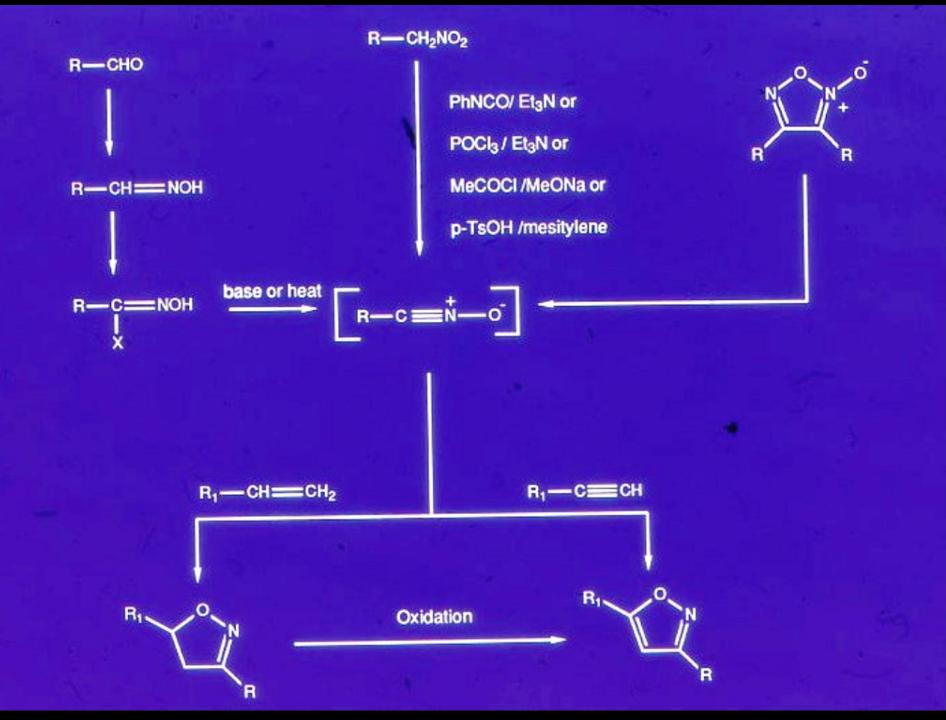


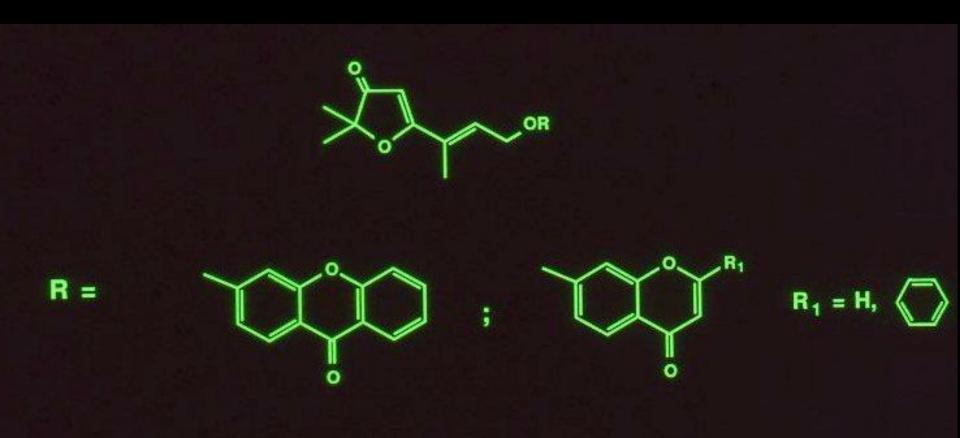






Geiparvarin





P.Valenti, M.Recanatini, P.Da Re, W.Galimbeni, N.Avanzi, S.Filippeschi; Arch. Pharm. 318, 923, (1985)

