

Biomimetic syntheses

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Biomimetic Reduction of Nimesulide with NaBH₄ Catalyzed by Metalloporphyrins. — The reduction of the antiinflammatory drug nimesulide (I) with NaBH₄ gives exclusively metabolite (II) under anaerobic conditions. Under aerobic conditions, on the other hand, hydroxyphenol (III) is formed along with (II). — (CHAUHAN*, S. M. S.; KANDADAI, S. A.; KUMAR, A.; Chem. Pharm. Bull. 50 (2002) 10, 1421-1422; Dep. Chem., Univ. Delhi, Delhi 110 007, India; Eng.) — D. Singer

