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**Cephalostatin Synthesis. Part 10. An Efficient Protocol for the Synthesis of Unsymmetrical Pyrazines. Total Synthesis of Dihydro-cephalostatin 1** — (VI). - The coupling reaction of  $\alpha$ -amino methoximes, e.g. (I), with  $\alpha$ -azido ketones, e.g. (II), in the presence of  $\text{Bu}_2\text{SnCl}_2$  and polyvinylpyridine or Nafion-H to give unsymmetrical steroidal pyrazines such as (III) (5 examples) in good yields is investigated. This protocol is applied as key step in the total synthesis of (VI), which shows in vitro biological activity and is a potential candidate for in vivo antitumor evaluation. — (GUO, C.; BHANDARU, S.; FUCHS, P. L.; BOYD, M. R.; J. Am. Chem. Soc. 118 (1996) 43, 10672-10673; Dep. Chem., Purdue Univ., West Lafayette, IN 47907, USA; EN)

