

imidazole derivatives

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Chiral Azole Derivatives. Part 4. Enantiomers of Bifonazole and Related Antifungal Agents: Synthesis, Configuration Assignment, and Biological Evaluation.

— Both enantiomers of bifonazole (VIa) and related compounds (VIb)–(VI d) are prepared from enantiomerically pure or enriched amines (I) by N-alkylation, N-formylation, and final ring closure of formamides (V). All prepared compounds show essentially the same antimycotic profile and in no case a differential activity between the two enantiomers of each compound is observed. — (BOTTA, MAURIZIO; CORELLI, FEDERICO; GASPARRINI, FRANCESCO; MESSINA, FLAVIA; MUGNAINI, CLAUDIA; J. Org. Chem. 65 (2000) 15, 4736-4739; Dip. Farm. Chim. Tecnol., Univ. Siena, I-53100 Siena, Italy; EN)

