

Title (en)
PREPARATION OF LANSOPRAZOLE AND RELATED COMPOUNDS

Title (de)
HERSTELLUNG VON LANSOPRAZOL UND DERIVATEN

Title (fr)
PREPARATION DE LANSOPRAZOLE ET COMPOSES CONNEXES

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Abstract (en)
[origin: WO2004011455A1] The present invention provides a process for preparing lansoprazole (LNP) (I) and related compounds having a high yield and a low level of impurities by oxidation of corresponding sulfide (compound having formula (II)) with tert-butyl hydroperoxide (TBHP), catalyzed by a catalyst vanadium oxytrichloride in an organic solvent selected from the group consisting of a C1-C5 alkanol, decane, nonane, toluene and a mixture of the organic solvent and water, preferably in the presence of a base.

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