A B S T R A C T

The present invention relates to an improved method for the synthesis of omeprazole, comprising the steps of reacting 5-methoxy-2-[(4-methoxy-3,5-dimethyl-2-pyridinyl)-methylthio]-1H-benzimidazole with m-chloroperoxybenzoic acid in a methylene chloride solution at a substantially constant pH of about 8.0 to 8.6; extracting the reaction mixture with aqueous NaOH; separating the aqueous phase from the organic phase; and adding an alkyl formate to the aqueous phase, resulting in crystallization of omeprazole.

This Sheet Has Been Replaced

