Method for preparing {[3-chloro-5-(trifluoromethyl)pyridin-2-yl]oxy}-3,4-dihydro-2H-benzo[4,5]imidazole [2,1-b][1,3]thiazine-1-oxide involves oxidizing the starting material with meta-chloroperbenzoic acid in a sulfide:meta-chloroperbenzoic acid ratio of 1:1 in dichloromethane. First, a mixture of {[3-chloro-5-(trifluoromethyl)pyridin-2-yl]oxy}-3,4-dihydro-2H-benzo[4,5]imidazo [2,1-b][1,3]thiazine and sodium hydrogen phosphate is prepared in dichloromethane, cooled to 0 °C, and then m-chloroperbenzoic acid is added in a 1:1 ratio; the resulting reaction mixture is stirred for a time sufficient for the reaction to complete, after which the reaction mixture is treated with an aqueous solution of sodium sulfide, the organic layer is separated and dried over anhydrous sodium sulfate, and after removal of the solvent, the resulting residue is subjected to column chromatography to isolate the individual compound - {[3-chloro-5-(trifluoromethyl)pyridin-2-yl]oxy}-3,4-dihydro-2H-benzo[4,5]imidazo[2,1-b][1,3]thiazine-1-oxide.