

Method for preparing ethyl 1-(3,4-dihydro-2H-benz [4,5]imidazo[2,1-b][1,3]thiazine-3-yl)-1H-1,2,3-triazole-5-carboxylate involves carrying out a cycloaddition reaction of an azide compound with an alkyne in an organic solvent. Wherein, the ethyl ester of acetylenecarboxylic acid is added to 3-azido-3,4-dihydro-2H-benz[4,5]imidazo[2,1-b][1,3]thiazine in a 1:1.1 ratio in benzene. The reaction is carried out under boiling conditions for 12 hours without the use of catalysts. Afterward, the resulting precipitate is filtered off, washed with hexane, and the target product is obtained – ethyl 1-(3,4-dihydro-2H-benz [4,5]imidazo[2,1-b][1,3]thiazine-3-yl)-1H-1,2,3-triazole-5-carboxylate.