P33

Synthesis of novel Benzene derivatives with 8-Aza-bicyclo (3.2.1)octan-3-onyl and mannopyranosyl groups.

정석현·박은주·정대일·이용균·최순규·박유미·한정태¹ 동아대학교 화학과 ¹영동대학교 화학과

Nortropane Alkaloids have recieved a great deal of attention because of their remarkable pharmaceutical significance. And Monosaccharide and disaccharide derivatives have recieved low side effect and anti virus agent in living bady.

Nortropinone derivatives was obtained by treatment of Aromatic diamine, 2,5-dimethoxytetrahydrofuran, and 1,3-diacetonedicarboxylic acid. And saccharide derivatives was obtained by treatment of saccharide(mannose) and corresponding amines in anhydrous methanol.

Then we synthesized various nortropinone and saccharide derivatives. Also we are studying for nortropinone derivative with saccharide group.