

تم تحضير مركبات الثيازول و الثياديازول الجديدة بدا من ٢-استيل بنزوفيران. و المسح البيولوجي للمركبات الجديدة أوضح ان بعض المركبات لها تأثير فاعل على بعض الميكروبات.

Potassium hydrazinecarbodithioate was prepd. by treatment of acid hydrazides with carbon disulfide in the presence of potassium hydroxide. Reaction of this potassium salt with hydrazine hydrate, phenacyl bromide, or hydrazonoyl chlorides afforded 1,2,4-triazoles, 1,3-thiazoles, and 1,3,4-thiadiazoles. Reaction of the 1,2,4-triazole deriv. with phenacyl bromide or hydrazonoyl chlorides afforded the corresponding 1,2,4-triazolo[3,4-b][1,3,4]thiadiazines. All these new compds. were screened for antibacterial and antifungal activity. Some had promising activity.