



- > MainPage
- > About College
- > Files
- > Researches
- > Courses
- > Favorite Links
- > Our Contacts

Visits Of this Page:6



Research Details :

Research Title	: <u><i>Synthesis and biological evaluation of some new triazolo- and triazinophthalazines</i></u> <u><i>Synthesis and biological evaluation of some new triazolo- and triazinophthalazines</i></u>
Descriptipn	: Abstract: Condensation of hydralazine 1 with ethyl oxalate afforded triazinodione 3 or s-triazolo derivative 4, while with alpha-bromo ketones, 1,2-cyclohexanedione and pyridine keto acid it gave the as-triazino derivatives a-a respectively. Reaction of 1 with bromo esters yield the corresponding 3-bromo-alkyl s-triazolophthalazines 9. Condensation of 9a with hydrazine hydrate followed by acetylacetone afforded the pyrazole derivative ii. Cyclization of 1 with acid chlorides or ketones gave the appropriate 3-substitutes s-triazolophthalazines. With chloromalonic acid ester, 1 yielded the triazino-triazolo derivative 18, while with pyridine acetal it gave the his s-triazolophthalazine 19.
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