

Synthesis of 1-aminomethyl-3-[4'-(4''-fluorobenzyloxy)-benzohydrazono]-5-ethylisatins as antifungal agents

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Abstract: A new series of 1-aminomethyl-3-[4'-(4''-fluorobenzyloxy)-benzohydrazono]-5-ethylisatins (Mannich bases) has been synthesized and screened for their antifungal potential against human pathogenic fungi. The structures of the compounds have been established by means of elemental analysis and spectral data (IR and ¹H NMR).

Keywords: 5-Ethylisatin, Schiff base, Mannich base, antifungal activity