

Fused polycyclic nitrogen-containing heterocycles 15.* 1,3-bis(4-hydroxy-4-methoxycarbonyl- -3,5-diphenylthiazolidin-2-ylideneamino) -benzene in the synthesis of thiazolo[3,4-a]quinoxalines

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Abstract

Reactions of methyl chloro(phenyl)pyruvate with 1,3-bis(phenylthioureido) benzene easily afforded 1,3-bis(4-hydroxy-4-methoxycarbonyl-3,5- diphenylthiazolidin-2-ylideneamino)benzene. Reactions of the latter with 1,2-phenylenediamines gave various derivatives of thiazolo[3,4-a]quinoxalines, including their bisanalogs. © 2006 Springer Science+Business Media, Inc.

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Keywords

1,2-phenylenediamines, Hantzsch reaction, Tautomerism, Thiazolidines, Thiazolo[3,4-a]quinoxalines