

1,3-Dioxolan in the synthesis 4,4'-bis(arylmethylidene)difenilmetana and substituted 3,4-dihydroquinazolines

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Abstract

The interaction of 1,3-dioxolane with imines having a substituent in the *ortho*-, *meta*- or *para*-position of the aldehyde fragment leads to the formation of 4,4'-bis(arylmethylidene)diphenylmethans. Imines having the substituents at the *para*-position of the aniline fragment, at interaction with the 1,3-dioxolane forms a substituted 3,4-dihydroquinazolin.