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PII: S0040-4039(14)00590-5

DOI: http://dx.doi.org/10.1016/j.tetlet.2014.04.003

Reference: TETL 44465

To appear in: Tetrahedron Letters

Received Date: 8 October 2013
Revised Date: 13 February 2014
Accepted Date: 1 April 2014



Please cite this article as: Mahernia, S., Adib, M., Mahdavi, M., Nosrati, M., A solvent-free reaction between acetophenone oximes and epoxy styrenes: an efficient synthesis of 2,4,6-triarylpyridines under neutral conditions, *Tetrahedron Letters* (2014), doi: http://dx.doi.org/10.1016/j.tetlet.2014.04.003

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A solvent-free reaction between acetophenone oximes and epoxy styrenes: an efficient synthesis of 2,4,6-triarylpyridines under neutral conditions

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Abstract-An efficient synthesis of 2,4,6-triarylpyridines is described which involves heating a mixture of an acetophenone oxime and an epoxy styrene under neutral, solvent-free conditions. Kröhnke pyridine products are obtained in excellent yields.

Keywords: acetophenone oximes; epoxy styrenes; 2,4,6-triarylpyridines; solvent-free synthesis.

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