DMAP-Promoted domino annulation of β-ketothioamides with internal alkynes: A highly regioselective access to functionalized 1,3thiazolidin-4-ones at room temperature

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Supporting Information

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• General Scheme: Starting materials 1 and 2 are defined in the following general reaction Scheme 1.



Scheme 1 Synthesis of thiazolidine-4-one derivatives 3.

Copies of ¹H & ¹³C-NMR Spectra

¹H & ¹³C-NMR Spectra of 3aa:



S3



¹H & ¹³C-NMR Spectra of 3ba:





C:\WINNMR98\Data\DEAD-6_13C1BCM_E4.als

¹H & ¹³C-NMR Spectra of 3ca:



C:\Girijesh K. Verma\DEAD-2A_13C.als



¹H & ¹³C-NMR Spectra of 3da:



C:\Girijesh K. Verma\DEAD-10A_13C.als DEAD-10A 13C Mr. G.K. Verma



¹H & ¹³C-NMR Spectra of 3ea:



C:\WINNMR98\Data\DEAD-11A_13C1BCM_E4.als DEAD-11A 13C Mr.G.K.Verma



¹H & ¹³C-NMR Spectra of 3fa:







S14

¹H & ¹³C-NMR Spectra of 3ga:



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¹H & ¹³C-NMR Spectra of 3ha:



C:\Girijesh K. Verma\DEAD-3_13C.als DEAD-3 13C Mr.G.K.Verma



¹H & ¹³C-NMR Spectra of 3ia:







¹H & ¹³C-NMR Spectra of 3ja:



C:\Girijesh K. Verma\DEAD-12A_13C.als DEAD-12A 13C Mr. G.K. Verma



¹H & ¹³C-NMR Spectra of 3ka:



C:\Girijesh K. Verma\DEAD-9B_13C.als DEAD-9B 13C Mr.G.K.Verma



¹H & ¹³C-NMR Spectra of 3la:



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¹H & ¹³C-NMR Spectra of 3ma:





S28

¹H & ¹³C-NMR Spectra of 3na:



S29

C:\Girijesh K. Verma\DEAD-18A_13C.als



¹H & ¹³C-NMR Spectra of 3oa:





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S32

¹H & ¹³C-NMR Spectra of 3mb:



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¹H & ¹³C-NMR Spectra of 3lb:



S35

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¹H & ¹³C-NMR Spectra of 3nb:

C:\WINNMR98\Data\DEAD-22C_1H2NON_E1.als



C:\Girijesh K. Verma\DEAD-22C_13C.als DEAD-22C 13C Mr. Girijesh



¹H & ¹³C-NMR Spectra of 3ob:



C:\Girijesh K. Verma\DEAD-25A_13C.als



¹H & ¹³C-NMR Spectra of 3pb:



C:\Girijesh K. Verma\DEAD-29A_13C.als



¹H & ¹³C-NMR Spectra of 3qb:



C:\Girijesh K. Verma\DEAD-28A_13C.als DEAD-28A 13C Mr. Girijesh



¹H & ¹³C-NMR Spectra of 3ra:



C:\Girijesh K. Verma\DEAD-27A_13C.als DEAD-27A 13C Mr.G.K.Verma



¹H & ¹³C-NMR Spectra of 3rb:







¹H & ¹³C-NMR Spectra of 3sb:



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¹H & ¹³C-NMR Spectra of 3tb:



C:\WINNMR98\COMMON_DEFAULT.ALS



¹H & ¹³C-NMR Spectra of 3ub:



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¹H & ¹³C-NMR Spectra of 3vb:



C:\Girijesh K. Verma\DEAD-33A_13C.als DEAD-33A 13C Mr. G.K. Verma



¹H & ¹³C-NMR Spectra of 3wb:



