

*Short Note*

## **5,5'-(1,4-Phenylenedimethylylidene)bis(1,3-diethyl-2-thioxodihydropyrimidine-4,6(1*H*,5*H*)-dione)**

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**Abstract:** A novel compound, 5,5'-(1,4-phenylenedimethylylidene)bis(1,3-diethyl-2-thioxodihydropyrimidine-4,6(1*H*,5*H*)-dione) (**3**) has been synthesized by condensation of 1,3-diethyl-2-thiobarbituric acid and terephthalaldehyde in anhydrous ethanol in the presence of pyridine. The structure of this compound was established by elemental analysis, IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR and EI-MS spectral analysis.

**Keywords:** thiobarbituric acid; pyridine; Knoevenagel condensation

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