

Asiri, A.M.^a, Khan, S.A.^b

N-[1-(2,5-dimethyl-3-thienyl)ethylidene]-1,3-benzothiazol-2- amine

(2010) *MolBank*, 2010 (1), pp. 1-3.

^a Chemistry Department, Faculty of Science, King Abdul Aziz University, P.O. Box 80203, Jeddah 21413, Saudi Arabia

^b The Center of Excellence for Advanced Materials, King Abdul Aziz University, P.O. Box 80203, Jeddah 21589, Saudi Arabia

Abstract

The title compound, N-[1-(2,5-dimethyl-3-thienyl)ethylidene]-1,3-benzothiazol- 2-amine has been synthesized by condensation of 2-aminobenzothiazole and 3-acetyl-2,5- dimethylthiophene in ethanol. The structure of this new compound was confirmed by elemental analysis, IR, ¹H-NMR, ¹³C-NMR and EI-MS spectral analysis. © 2010 by the authors.

Author Keywords

2-aminobenzothiazole; 3-acetyl-2,5-dimethylthiophene; Condensation

Document Type: Article