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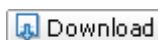
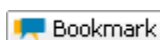
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## [4+2] Cycloaddition reaction: Synthesis and antifungal activities of 5-substituted-4-phenyl-1,3-thiazolo[3,2-a]pyrimidin-6-one derivatives

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### Abstract

Syntheses and antifungal activities of 5-substituted-1,3-thiazolo[3,2-a] pyrimidin-6-one from 2-benzylideneamino-4-phenyl-1,3-thiazole and ketenes formed in situ is described.

### Author Keywords

Antifungal activities; Cycloaddition reaction

### References (11) [view in table layout](#)

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- Perronnet, J., Poittevin, A., Taliani, L. (1975) *Chem. Abstr*, 82, p. 112101. [Cited 2 times.](#)
- Imperial Chemical Industries Ltd., Fr Demande 2,223,371 (Chem. Abstr., 1975, 82, 171031).
- Robert Engene, M., Larry James, P., Zaven Stephen, A. (1977) *Chem. Abstr*, 87, p. 135310.

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4.  Romanov, N.W., Fedotov, K.V.  
(1990) *Chem. Abstr*, 113, p. 108567.
5.  Dutta, B.C., Das, K.K., Goswami, B.N.  
(1999) *J. Chem. Res. (S)*, p. 36.  
[View at Publisher](#)
6.  Dutta, B.C., Borthakur, S.K., Bhattacharyya, N.K., Goswami, B.N.  
**[4+2] Cycloaddition reaction: Synthesis of  
7,9-diaryl-1,3,5-  
trimethyl-2,4,8-trioxohexahydro-9H-pyrimido[2,1-g]purine  
derivatives**  
(2006) *Journal of the Indian Chemical Society*, 83 (9), pp.  
941-943.  
[Abstract + Refs](#)
7.  Tsuji, T.  
(1991) *J. Heterocycl. Chem*, 28, p. 489. [Cited 12 times](#).
8.  Carroll King, L., Hlavacek, R.J.  
**The reaction of ketones with iodine and thiourea**  
(1950) *Journal of the American Chemical Society*, 72 (8), pp.  
3722-3725. [Cited 37 times](#).  
[Abstract + Refs](#) [View at Publisher](#)
9.  Khan, R.H., Rastogi, R.C.  
(1988) *Indian J. Chem., Sect. B*, 27, p. 501.
10.  Dash, A.C., Dash, B., Patra, M.  
(1980) *Indian J. Chem., Sect. B*, 19, p. 492.
11.  Nene, Y.L., Thapliyal, P.N.  
(1979) *Fungicides in Plant Disease Control*, p. 415. [Cited 100  
times](#).  
2nd ed, Oxford & IBH Publishing Co, New Delhi

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