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**Bis[(3,5-dimethyl pyrazol)-1-yl Thiocarbonyl)] Disulfide**

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This experiment is performed according to literature method [1-4]. 3,5-Dimethyl pyrazole 1 (2.3 g; 0.024 mole) in ethanol solution and triethylamine (6.65 g, 0.048 mole) were cooled to 5°C under stirring, then carbon disulfide (3.65 g, 0.048 mole) was added to the solution. After 1 hour of stirring, solid iodine (2.8 g, 0.022 mol) was added in portions and stirred until the colour disappeared completely. Then a methanolic solution of iodine was added dropwise until a faint colour persists. Excess of iodine was neutralised with Na$_2$S$_2$O$_3$ solution. The product was extracted with diethyl ether, washed thrice with water, dried over Na$_2$SO$_4$, filtered, and diethyl ether was evaporated at room temperature to give compound 2 as a white solid. Yield: 93%.

Mp.: 87-89°C (diethyl ether/hexane: 8/2).

$^1$H-NMR (CDCl$_3$) d (ppm): 2.43 (s, 12H, CH$_3$); 6.00 (s, 2H, H$_{pyrazole}$).

$^{13}$C-NMR(CDCl$_3$) d :193 ppm (-C=S), 150 (C$_3$), 148 (C$_5$), 110 (C$_4$), 12 (CH$_3$).

IR (KBr , cm$^{-1}$) : 3000 (-S-S-); 1290 (C=S).

MS (m/z): 342 [M]$^+$.

U.V.: $\lambda_{max}$ = 285 nm (-C=S).

**References**


*Sample Availability:* Available from the authors and from MDPI.

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