

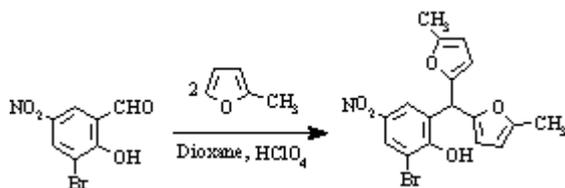
Molecules **1997**, *2*, M27

2-Hydroxy-3-bromo-5-nitrophenylbis(5-methylfur-2-yl)methane

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Received: 22 September 1997 / Published: 31 October 1997



See also [1, 2]. To a boiling solution of 3-bromo-5-nitrosalicylic aldehyde (2.46 g, 10 mmol) and sylvan (2 ml, 25 mmole) in 20 ml of dioxane one drop of 70% perchloric acid was added. The mixture was heated on the water bath for 2 hr and after cooling poured into 200 ml of H₂O. The precipitated compound was filtered off and recrystallised from ethanol. Yield 3.41 g (87%). Yellow needles.

M.p. 152-153deg.C.

¹H-NMR (CDCl₃): 10.69 (s, 1H, OH), 8.28 (s, 1H, 4-H_{Ar}), 7.96 (s, 1H, 6-H_{Ar}), 5.95-5.88 (m, 4H, 3,4-H_{Fur}), 5.74 (s, 1H, CH), 2.2 (s, 6H, CH₃) ppm.

Anal. calc. for C₁₇H₁₄BrNO₅ (392,206): C 52.06, H 3.59, Br 20.37, N 3.57; found: C 52.1, H 3.6, Br 20.2, N 3.5.

Acknowledgment: The author would like to thank Mr. Vladimir Ch. Gutnov and Mrs. Vera N. Gutnova for financial support.

References and Notes

- Butin, A. V.; Krapivin, G. D.; Zavodnik, V. E.; Kul'nevich, V. G. *Khim. Geterotsi-kl. Soedin.* **1993**, *15*, 616-626.
- Gutnov, A. V.; Abaev, V. T.; Butin, A. V.; Zavodnik, V. E.; Kul'nevich, V. G. *Khim. Geterotsikl. Soedin.* **1996**, *12*, 162-167.

Sample availability: 4 g.

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