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

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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.

\(^1\)H-NMR (CDCl\(_3\)): 10.69 (s, 1H, OH), 8.28 (s, 1H, 4-H\(_{\text{Ar}}\)), 7.96 (s, 1H, 6-H\(_{\text{Ar}}\)), 5.95-5.88 (m, 4H, 3,4-H\(_{\text{Fur}}\)), 5.74 (s, 1H, CH), 2.2 (s, 6H, CH\(_3\)) ppm.

Anal. calc. for C\(_{17}\)H\(_{14}\)BrNO\(_5\) (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.

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References and Notes


Sample availability: 4 g.

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