

CORRIGENDUM

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An Iron(III) Catalyst with Unusually Broad Substrate Scope in Regioselective Alkylation of Diols and Polyols

Chem. Eur. J., 2016, 22

DOI: 10.1002/chem.201504477

The authors of this paper noticed that the structures of the products in entries 1 and 4 of Table 4 were drawn wrong. To avoid additional mistakes, the authors have repeated all the experiments in Table 4 of their Full Paper and the correct results are presented below. Compounds **43** and **45**, being same as **53**, are O3-alkylated products. Compounds **59** and **61** are O6-alkylated products. Additionally, the corrected Supporting Information has been provided. The authors apologize for this mistake.

Table 4. [Fe(dibm) ₃]-catalyzed regioselective alkylation of substrates containing <i>trans</i> -diols.			
Entry ^[a]	Reactant	Product	Yield [%]
1			43 ^[b] : 42 (58) ^[c] 45: 89 53: 92
	42: R ₁ = H, R ₂ = OMe 44: R ₁ = OMe, R ₂ = H 52: R ₁ = SPh, R ₂ = H	43: R ₁ = H, R ₂ = OMe 45: R ₁ = OMe, R ₂ = H 53: R ₁ = SPh, R ₂ = H	
			59: 75 61: 70
	58: R ₁ = H, R ₂ = OMe 60: R ₁ = OMe, R ₂ = H	59: R ₁ = H, R ₂ = OMe 61: R ₁ = OMe, R ₂ = H	
4 ^[c,d]			
	58: R ₁ = H, R ₂ = OMe 60: R ₁ = OMe, R ₂ = H	59: R ₁ = H, R ₂ = OMe 61: R ₁ = OMe, R ₂ = H	
[a] Reaction conditions: reactant (50 mg), BnBr (1.1 equiv), [Fe(dibm) ₃] (0.05 equiv), K ₂ CO ₃ (1.5 equiv), MeCN (1 mL), 80 °C, 8–12 h; yields are given for isolated products; Bn = benzyl. [b] With [Fe(dibm) ₃] (0.05 equiv), 3-OBn/2-OBn (≈ 42/56); with [Fe(dibm) ₃] (0.2 equiv), 3-OBn/2-OBn (≈ 58/40). [c] BnBr (1.5 equiv), [Fe(dibm) ₃] (0.2 equiv), 24 h. [d] MeCN/DMF (9/1, 1 mL).			