

Supporting Information

Chemoselective Deprotection and Deprotection with concomitant reduction on 1,3-Dioxolanes, Acetals and Ketals using Nickel Boride

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Table S1: List of melting points of **II**

Entry	II	Physical State	M.p/°C	
			Observed	Literature ^a
1.	4-Methylbenzaldehyde (IIa)	Liquid	-	-
2.	2-Naphthaldehyde (IIb)	Solid	60	59-62
3.	1- Naphthaldehyde (IIc)	Liquid	-	-
4.	4-Methoxybenzaldehyde (IId)	Liquid	-	-
5.	Piperonal (IIe)	Solid	36	35-37
6.	3,4-Dimethoxybenzaldehyde (IIf)	Solid	42	42-43
7.	4-Chlorobenzaldehyde (IIg)	Solid	50	47-50
8.	4-Bromobenzaldehyde (IIh)	Solid	58	55-58
9.	2- Chlorobenzaldehyde (IIi)	Liquid	-	-
10.	3- Chlorobenzaldehyde (IIj)	Liquid	-	-
11.	Acetophenone (IIk)	Liquid	-	-
12.	Butyrophenone (III)	Liquid	-	-
13.	4-Methylacetophenone (IIIm)	Liquid	-	-
14.	4-Methoxyacetophenone (IIIn)	Liquid	-	-
15.	Propiophenone (IIo)	Liquid	-	-
16.	Fluorenone (IIp)	Solid	80	80-82
17.	4-Chloroacetophenone (IIq)	Liquid	-	-
18.	Octane-2-one (IIr)	Liquid	-	-

^aReferences

- (a) Handbuch Der Organischem, Beilstein, **7**, 498.
(b) J.J. Eisch, J.E. Galle, A. Piotrowski, M.R. Tsai, *J. Org. Chem.*, **47**, 5051.
- Handbuch Der Organischem, Beilstein, **8**, 255.
- Handbuch Der Organischem, Beilstein, **19**, 115.
- Handbuch Der Organischem, Beilstein, **7**, 235.