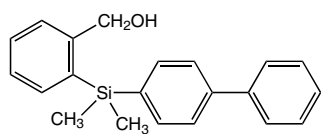


Dimethylsilylbenzyl Alcohols

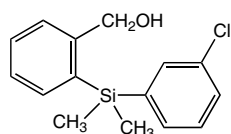
A number of new dimethylsilylbenzyl alcohol derivatives are now available through Alfa Aesar. Many have already been extensively cited in scientific literature as in the following examples. Japanese researchers were able to demonstrate the use of dimethylsilylbenzyl alcohols as cross-coupling reagents (H51661, H51735) with various aryl and alkenyl iodides under mild conditions without using fluoride ions, a transition metal promoter, or strong bases.¹ Saito and co-workers found that the use of the tetraorganosilicon reagent (H51661) dramatically changed the stereoselectivity of the alkylation of a three-component coupling reaction.²

Alfa Aesar has extended its comprehensive range of products with the following dimethylsilylbenzyl alcohols.



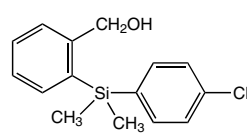
H51761

2-[(4-Biphenyl)dimethylsilyl]benzyl alcohol, 95%



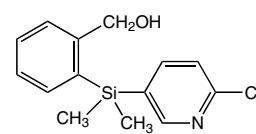
H51928

2-[(3-Chlorophenyl)dimethylsilyl]benzyl alcohol, 95%



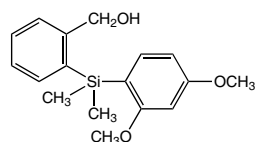
H51736

2-[(4-Chlorophenyl)dimethylsilyl]benzyl alcohol, 95%



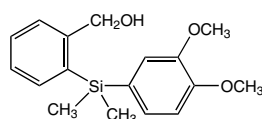
H51738

2-(6-Chloro-3-pyridyl)dimethylsilyl]benzyl alcohol, 95%



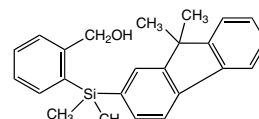
H51757

2-[(2,4-Dimethoxyphenyl)dimethylsilyl]benzyl alcohol, 95%



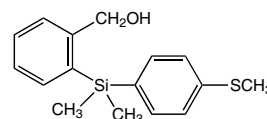
H51741

2-[(3,4-Dimethoxyphenyl)dimethylsilyl]benzyl alcohol, 95%



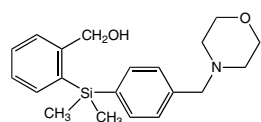
H52278

2-[(9,9-Dimethyl-2-fluorenyl)dimethylsilyl]benzyl alcohol, 95%



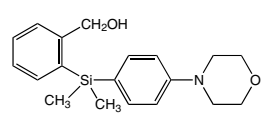
H51739

2-(Dimethyl[4-(methylthio)phenyl]silyl)benzyl alcohol, 95%



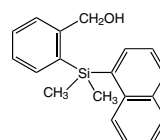
H51938

2-(Dimethyl[4-(4-morpholinylmethyl)phenyl]silyl)benzyl alcohol, 95%



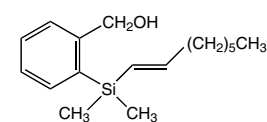
H51756

2-(Dimethyl[4-(4-morpholinyl)phenyl]silyl)benzyl alcohol, 95%



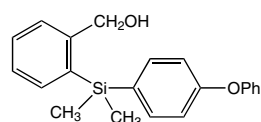
H51696

2-(Dimethyl(1-naphthyl)silyl)benzyl alcohol, 97%



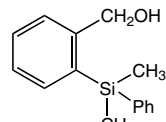
H51760

2-[Dimethyl[4-(2-octenyl)silyl]benzyl alcohol, 95%
[853955-61-0]



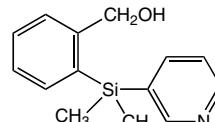
H51936

2-[Dimethyl(4-phenoxyphenyl)silyl]benzyl alcohol, 95%



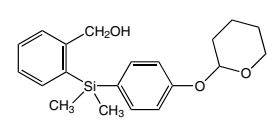
H51661

2-(Dimethylphenylsilyl)benzyl alcohol
[853955-69-8]



H51737

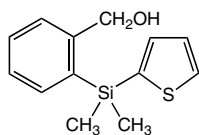
2-[Dimethyl(3-pyridyl)silyl]benzyl alcohol, 95%



H51758

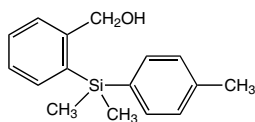
2-(Dimethyl[4-(2-tetrahydropyranyloxy)phenyl]silyl)benzyl alcohol, 95%

Dimethylsilylbenzyl Alcohols



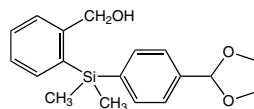
H51663

2-[(2-Thienyl)silyl]benzyl alcohol
[853955-72-3]



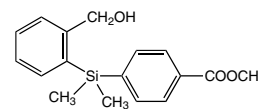
H51691

2-[(4-Tolyl)silyl]benzyl alcohol, 97%



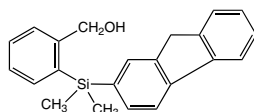
H51930

2-[(4-(1,3-Dioxolan-2-yl)phenyl)dimethylsilyl]benzyl alcohol, 95%



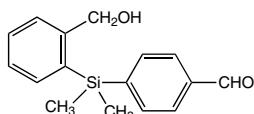
H51932

2-[(4-(Ethoxycarbonyl)phenyl)dimethylsilyl]benzyl alcohol, 95%
[1244855-68-2]



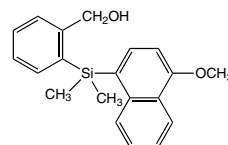
H52277

2-[(2-Fluorenyl)dimethylsilyl]benzyl alcohol, 95%



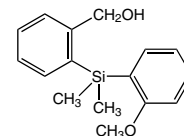
H51755

2-[(4-Formylphenyl)dimethylsilyl]benzyl alcohol, 95%



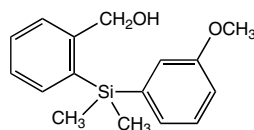
H51935

2-[(4-Methoxy-1-naphthyl)dimethylsilyl]benzyl alcohol, 95%



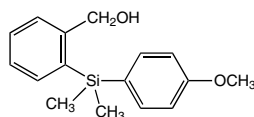
H51742

2-[(2-Methoxyphenyl)dimethylsilyl]benzyl alcohol, 95%



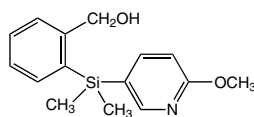
H51929

2-[(3-Methoxyphenyl)dimethylsilyl]benzyl alcohol, 95%



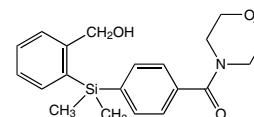
H51662

2-[(4-Methoxyphenyl)dimethylsilyl]benzyl alcohol
[944064-51-1]



H51740

2-[(6-Methoxy-3-pyridyl)dimethylsilyl]benzyl alcohol, 95%



H51933

2-[(4-(4-Morpholinylcarbonyl)phenyl)dimethylsilyl]benzyl alcohol, 95%

¹(a) Y Nakao, H. Imanaka, A. K. Sahoo, A. Yada, Akira & T. Hiyama, Tamejiro, *J. Am. Chem. Soc.*, 2005, **127**, 6952; (b) Y. Nakao, & T. Hiyama, Patent: US2009/69577 A1, 2009.

²N. Saito, T. Yamazaki, & Y. Sato, *Tet. Lett.*, 2008, **49**, 5073.