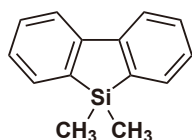


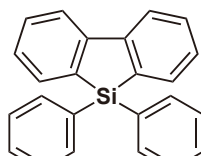
# Siloles

Siloles have a  $\pi$ -electron structure with lower LUMO energy than that of pyrroles, furans, thiophenes and other 5-membered ring compounds. The  $\pi$ -conjugated compounds containing siloles are being investigated currently.

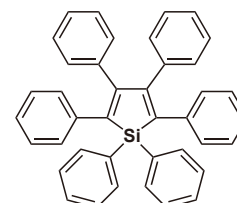
**References** S. Yamaguchi, T. Endo, M. Uchida, T. Izumizawa, K. Furukawa, K. Tamao, *Chem. Lett.* **2001**, 30, 98.  
S. Yamaguchi, K. Tamao, *Chem. Lett.* **2005**, 34, 2.



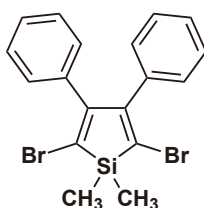
**5,5-Dimethyl-5H-dibenzo[b,d]silole**  
1g / 5g  
[D4308]



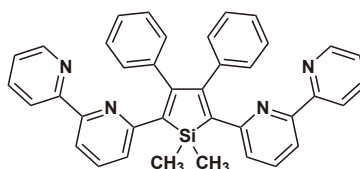
**9,9-Diphenyl-9H-9-silafluorene**  
200mg / 1g  
[D5034]



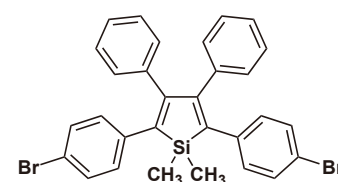
**1,1,2,3,4,5-Hexaphenylsilole**  
1g  
[H1413]



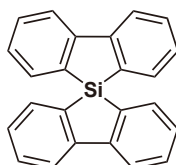
**2,5-Dibromo-1,1-dimethyl-3,4-diphenylsilole**  
1g / 5g  
[D4631]



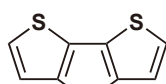
**2,5-Bis(2,2'-bipyridin-6-yl)-1,1-dimethyl-3,4-diphenylsilole**  
200mg  
[B4233]



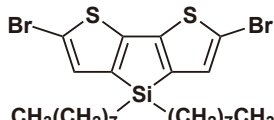
**2,5-Bis(4-bromophenyl)-1,1-dimethyl-3,4-diphenylsilole**  
1g / 5g  
[B4547]



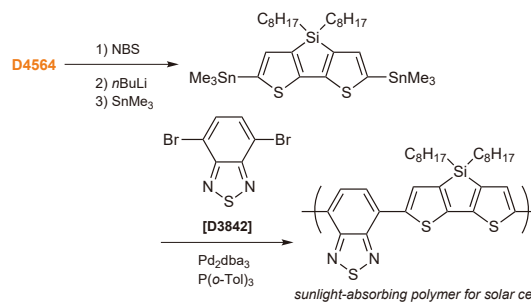
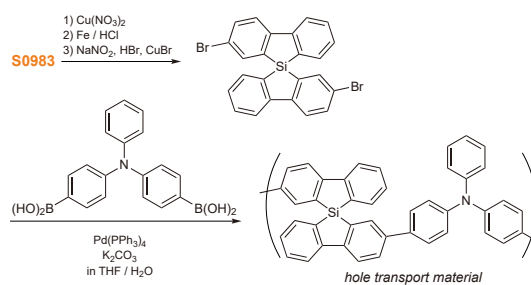
**9,9'-Spirobi[9H-9-silafluorene]**  
200mg / 1g  
[S0983]



**4,4-Di-n-octyldithieno[3,2-b:2,3-d']silole**  
200mg  
[D4564]



**2,6-Dibromo-4,4-di-n-octyldithieno[3,2-b:2,3-d']silole**  
100mg  
[D4799]



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