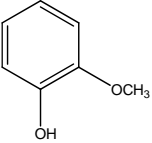
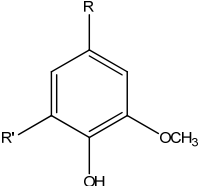


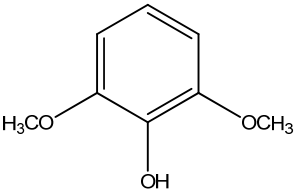
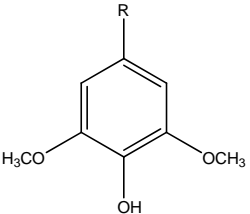
# pK<sub>a</sub>-values of lignin-related phenols

See "pK<sub>a</sub>-values of Guaiacyl and Syringyl Phenols Related to Lignin", by [Ragnar, M.](#); Lindgren, C. T. and Nilvebrant N.-O., *J. Wood Chem. Technol.* **2000**, 20(3), 277–305.

## Guaiacyl phenols: pK<sub>a</sub>-values of Guaiacyl Phenols Related to Lignin in Pure Aqueous Solution at 25 °C.

structure	name	pK <sub>a</sub> -value
	guaiacol	9.93
	2-methoxyphenol	
	guaiacyl derivatives	6.16 -11.3

## Syringyl phenols: All constants have been determined in pure aqueous solution at 25 °C unless otherwise stated.

Structure	name	pK <sub>a</sub> -value
	syringol	9.98
	2,6-dimethoxyphenol	
	syringyl creosol	7.34 - 10.05

**For a complete list please see:**  
**<http://crpp0001.uqtr.ca/cor/pka.htm>**