

# Orcinol, tert-butyldimethylsilyl ether

<b>Other names:</b>	Orcinol monohydrate, tert-butyldimethylsilyl ether Orcinol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C13H22O2Si/c1-10-7-11(14)9-12(8-10)15-16(5,6)13(2,3)4/h7-9,14H,1-6H3
<b>InchiKey:</b>	HUNAIKDYDXJVLW-UHFFFAOYSA-N
<b>Formula:</b>	C13H22O2Si
<b>SMILES:</b>	Cc1cc(O)cc(O[Si](C)(C)C(C)(C)C)c1
<b>Mol. weight [g/mol]:</b>	238.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.76		Crippen Method
logp	4.085		Crippen Method
rinpola	1651.20		NIST Webbook
rinpola	1651.20		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352832&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352832&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpola:</b>	Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/13-390-4/Orcinol-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-23 14:52:29.365124112 +0000 UTC m=+16173198.285701427.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.