

Orcinol, trimethylsilyl ether

Other names:	Orcinol monohydrate, trimethylsilyl ether Orcinol, tms derivative
Inchi:	InChI=1S/C10H16O2Si/c1-8-5-9(11)7-10(6-8)12-13(2,3)4/h5-7,11H,1-4H3
InchiKey:	ZOECTCXRAQEVEL-UHFFFAOYSA-N
Formula:	C10H16O2Si
SMILES:	<chem>Cc1cc(O)cc(O[Si](C)(C)C)c1</chem>
Mol. weight [g/mol]:	196.32

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.50		Crippen Method
logp	2.914		Crippen Method
rinpol	1420.30		NIST Webbook
rinpol	1420.30		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352833&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/19-034-3/Orcinol-trimethylsilyl-ether.pdf>

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