

2-Methoxyphenol trimethylsilyl ether

Other names:	Guaicol-TMS 2-Methoxyphenol, TMS ether Guaiacol, trimethylsilyl ether 2-Methoxyphenol, TMS Guaiacol, tms derivative
Inchi:	InChI=1S/C10H16O2Si/c1-11-9-7-5-6-8-10(9)12-13(2,3)4/h5-8H,1-4H3
InchiKey:	XUSIKNZBGJLXTJ-UHFFFAOYSA-N
Formula:	C10H16O2Si
SMILES:	<chem>COc1ccccc1O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	196.32
CAS:	6689-37-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.60		Crippen Method
logp	2.909		Crippen Method
rinpol	1233.30		NIST Webbook
rinpol	1184.00		NIST Webbook
rinpol	1233.30		NIST Webbook
rinpol	1224.00		NIST Webbook
rinpol	1224.00		NIST Webbook
rinpol	1210.00		NIST Webbook
rinpol	1210.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6689378&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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