

Silane, trimethyl[(2-methylcyclohexyl)oxy]-, trans-

Other names:	2-Methylcyclohexyl trimethylsilyl ether, trans 2-Methylcyclohexanol, (e)-, tms derivative
Inchi:	InChI=1S/C10H22OSi/c1-9-7-5-6-8-10(9)11-12(2,3)4/h9-10H,5-8H2,1-4H3/t9-,10-/m0/s1
InchiKey:	JQAKEQPKWYLGTM-UWVGGRQHSA-N
Formula:	C10H22OSi
SMILES:	CC1CCCCC1O[Si](C)(C)C
Mol. weight [g/mol]:	186.37
CAS:	39789-19-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.91		Crippen Method
logp	3.417		Crippen Method
rinpol	1067.00		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=C39789190&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/13-701-8/Silane-trimethyl-2-methylcyclohexyl-oxy-trans.pdf>

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