

Silane, trimethyl[(4-methylcyclohexyl)oxy]-, trans-

Other names:	4-Methylcyclohexyl trimethylsilyl ether, trans- 4-Methylcyclohexanol, (e)-, tms derivative
Inchi:	InChI=1S/C10H22OSi/c1-9-5-7-10(8-6-9)11-12(2,3)4/h9-10H,5-8H2,1-4H3/t9-,10-
InchiKey:	HFAYRHAZVSUDBG-MGCOHNPYSA-N
Formula:	C10H22OSi
SMILES:	CC1CCC(O[Si](C)(C)C)CC1
Mol. weight [g/mol]:	186.37
CAS:	32147-24-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.91		Crippen Method
logp	3.417		Crippen Method
rinpol	1071.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C32147243&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/58-848-7/Silane-trimethyl-4-methylcyclohexyl-oxy-trans.pdf>

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