

trans-2-Decen-1-ol, trimethylsilyl ether

Other names:	2-Decen-1-ol, (e)-, tms derivative
Inchi:	InChI=1S/C13H28OSi/c1-5-6-7-8-9-10-11-12-13-14-15(2,3)4/h11-12H,5-10,13H2,1-4H3/
InchiKey:	RLVINFWLPSOQHJ-VAWYXSNFSA-N
Formula:	C13H28OSi
SMILES:	CCCCCCCC=CCO[Si](C)(C)C
Mol. weight [g/mol]:	228.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.26		Crippen Method
logp	4.755		Crippen Method
rinpol	1384.00		NIST Webbook
rinpol	1384.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352662&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/90-721-1/trans-2-Decen-1-ol-trimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-23 15:40:35.911190355 +0000 UTC m=+16176084.831767676.

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