

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

Other names:	[(2E)-Dodec-2-en-1-yloxy](trimethyl)silane 2-Dodecen-1-ol, (e)-, tms derivative
Inchi:	InChI=1S/C15H32OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17(2,3)4/h13-14H,5-12,15H2.1
InchiKey:	ICACLPLPCXZWNO-BUHFOSPRSA-N
Formula:	C15H32OSi
SMILES:	CCCCCCCCC=CCO[Si](C)(C)C
Mol. weight [g/mol]:	256.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.09		Crippen Method
logp	5.535		Crippen Method
rinpol	1579.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333020&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/46-774-2/trans-2-Dodecen-1-ol-trimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-30 00:58:05.013260279 +0000 UTC m=+16727933.933837594.

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