

# Glycerol, 1-tert-butyl 2,3-bis(trimethylsilyl) ether

Inchi:	InChI=1S/C13H32O3Si2/c1-13(2,3)14-10-12(16-18(7,8)9)11-15-17(4,5)6/h12H,10-11H2,
InchiKey:	ARPLVQDPCQYSEM-UHFFFAOYSA-N
Formula:	C13H32O3Si2
SMILES:	CC(C)(C)OCC(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	292.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.15		Crippen Method
logp	3.873		Crippen Method
rinpol	1276.00		NIST Webbook
rinpol	1276.00		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U381760&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U381760&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

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