

Geranylgeraniol, tert-butyldimethylsilyl ether

Other names:	Geranylgeraniol, tbdms derivative
Inchi:	InChI=1S/C26H48OSi/c1-22(2)14-11-15-23(3)16-12-17-24(4)18-13-19-25(5)20-21-27-28
InchiKey:	GROPSQHBCZQTSG-BLFWJMSPSA-N
Formula:	C ₂₆ H ₄₈ O _{Si}
SMILES:	CC(C)=CCCC(C)=CCCC(C)=CCCC(C)=CCO[Si](C)(C)C(C)C
Mol. weight [g/mol]:	404.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.26		Crippen Method
logp	9.154		Crippen Method
rinpol	2479.60		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333959&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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/86-630-7/Geranylgeraniol-tert-butyldimethylsilyl-ether.pdf>

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