

Glycerol-3-phosphate TBDMS

Inchi:	InChI=1S/C27H63O7PSi4/c1-24(2,3)36(13,14)31-22(23(28)32-37(15,16)25(4,5)6)21-30-
InchiKey:	RONIWEKXVSBCJX-UHFFFAOYSA-N
Formula:	C27H63O7PSi4
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)C(COP(=O)(O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	643.10

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.92		Crippen Method
logp	10.093		Crippen Method
rinpol	2591.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R276936&Units=SI

Legend

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

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<https://www.cheméo.com/cid/48-452-7/Glycerol-3-phosphate-TBDMS.pdf>

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