

Glyceryl-glycoside TMS ether

Other names:	Glycerol, 2-O-galactopyranoside, TMS
Inchi:	InChI=1S/C27H66O8Si6/c1-36(2,3)29-20-22(32-38(7,8)9)19-28-27-26(35-41(16,17)18)2
InchiKey:	RQUFURWXNXVLSS-UHFFFAOYSA-N
Formula:	C27H66O8Si6
SMILES:	C[Si](C)(C)OCC(COC1OC(CO[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)
Mol. weight [g/mol]:	687.32

Physical Properties

Property code	Value	Unit	Source
log10ws	6.81		Crippen Method
logp	7.311		Crippen Method
rinpol	2376.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U365901&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/114-105-8/Glyceryl-glycoside-TMS-ether.pdf>

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