

«alpha»-6-Deoxy-D-glucose, pyranose, TMS

Inchi:	InChI=1S/C18H44O5Si4/c1-14-15(20-24(2,3)4)16(21-25(5,6)7)17(22-26(8,9)10)18(19-14
InchiKey:	QQOFWFOBJUGLLJ-UYTYNIKBSA-N
Formula:	C18H44O5Si4
SMILES:	CC1OC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]:	452.88

Physical Properties

Property code	Value	Unit	Source
log10ws	4.05		Crippen Method
logp	5.243		Crippen Method
rinpol	1808.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R440607&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/40-843-1/alpha-6-Deoxy-D-glucose-pyranose-TMS.pdf>

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