«beta»-D(+)-Galactose, pyranose, TMS

Inchi:	InChI=1S/C20H50O6Si5/c1-27(2,3)22-16-17(23-28(4,5)6)19(25-30(10,11)12)21-20(26-31
InchiKey:	DMYXNOJXHNOHDN-FSGKZVOOSA-N
Formula:	C20H50O6Si5
SMILES:	C[Si](C)(C)OC1OC(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]:	527.03

Physical Properties

Property code	Value	Unit	Source
log10ws	5.58		Crippen Method
logp	6.032		Crippen Method
rinpol	1943.00		NIST Webbook
rinpol	1943.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R440909&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/18-225-2/beta-D-Galactose-pyranose-TMS.pdf
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