2-Deoxy-D-galactose, ketol, TMS

Inchi:	InChI=1S/C18H44O5Si4/c1-24(2,3)20-14-13-17(22-26(7,8)9)18(23-27(10,11)12)16(19)15
InchiKey:	OKRSFESAXAOCRN-MSOLQXFVSA-N
Formula:	C18H44O5Si4
SMILES:	C[Si](C)(C)OCCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)CO[Si](C)(C)C
Mol. weight [g/mol]:	452.88

Physical Properties

Property code	Value	Unit	Source
log10ws	4.59		Crippen Method
logp	5.089		Crippen Method
rinpol	1723.00		NIST Webbook
rinpol	1723.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R441135&Units=SI

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/28-288-2/2-Deoxy-D-galactose-ketol-TMS.pdf
Generated by Cheméo on 2024-10-12 02:31:44.263663998 +0000 UTC m=+3281166.900633246.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.