

D(+)-Fucose, ketol, TMS

Inchi: InChI=1S/C18H44O5Si4/c1-15(19)17(22-26(8,9)10)18(23-27(11,12)13)16(21-25(5,6)7)14
InchiKey: HGLDRHRXNSYDTM-OKZBNKHCSA-N
Formula: C18H44O5Si4
SMILES: CC(=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 452.88

Physical Properties

Property code	Value	Unit	Source
log10ws	4.47		Crippen Method
logp	5.087		Crippen Method
rinpol	1665.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R441175&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/60-085-1/D-Fucose-ketol-TMS.pdf>

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