

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: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R441135&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/28-288-2/2-Deoxy-D-galactose-ketol-TMS.pdf>

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