

D(-)-Erythrose, ketol, TMS

Inchi: InChI=1S/C13H32O4Si3/c1-18(2,3)15-10-12(14)13(17-20(7,8)9)11-16-19(4,5)6/h13H,10-12H,11H,14H,15-18H,19H,20H
InchiKey: IYOKYJQOXZRGEB-CYBMUJFWSA-N
Formula: C13H32O4Si3
SMILES: C[Si](C)(C)OCC(=O)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 336.65

Physical Properties

Property code	Value	Unit	Source
log10ws	3.93		Crippen Method
logp	3.479		Crippen Method
rinpol	1423.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R441279&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.cheméo.com/cid/10-259-3/D-Erythrose-ketol-TMS.pdf>

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