

Erythronic acid, tetra-TMS

Inchi: InChI=1S/C15H38O5Si4/c1-21(2,3)17-13(14(16)18-22(4,5)6)15(19-23(7,8)9)20-24(10,11)
InchiKey: UDCVCBUOEWUKGQ-UHFFFAOYSA-N
Formula: C15H38O5Si4
SMILES: C[Si](C)(C)OC(=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 410.80

Physical Properties

Property code	Value	Unit	Source
log10ws	4.85		Crippen Method
logp	4.614		Crippen Method
rinpol	1584.00		NIST Webbook
rinpol	1568.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R51781&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/16-336-1/Erythronic-acid-tetra-TMS.pdf>

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