

D-Erythronic acid «gamma»-lactone, bis(trimethylsilyl) ether

Inchi: InChI=1S/C10H22O4Si2/c1-15(2,3)13-8-7-12-10(11)9(8)14-16(4,5)6/h8-9H,7H2,1-6H3
InchiKey: ASNCBNVBKSVIT-UHFFFAOYSA-N
Formula: C10H22O4Si2
SMILES: C[Si](C)(C)OC1COC(=O)C1O[Si](C)(C)C
Mol. weight [g/mol]: 262.45

Physical Properties

Property code	Value	Unit	Source
logp	1.983		Crippen Method
rinpol	1427.30		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380139&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/53-154-2/D-Erythronic-acid-gamma-lactone-bis-trimethylsilyl-ether.pdf>

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