

(-)-1,2:5,6-Di-O-cyclohexylidene-L-inositol, bis(trimethylsilyl) ether

Inchi: InChI=1S/C24H44O6Si2/c1-31(2,3)29-21-19-17(25-23(27-19)13-9-7-10-14-23)18-20(22(23)11-12)16-24
InchiKey: LRPYRYWOJYAUJV-UHFFFAOYSA-N
Formula: C₂₄H₄₄O₆Si₂
SMILES: C[Si](C)(C)OC1C2OC3(CCCCC3)OC2C2OC3(CCCCC3)OC2C1O[Si](C)(C)C
Mol. weight [g/mol]: 484.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	5.329		Crippen Method
rinpol	2567.90		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U380147&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/31-569-6/1-2-5-6-Di-O-cyclohexylidene-L-inositol-bis-trimethylsilyl-ether.pdf>

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