

muo-Inositol, hexakis-TMS

Other names: myo-Inositol, hexakis-TMS
Inchi: InChI=1S/C24H60O6Si6/c1-31(2,3)25-19-20(26-32(4,5)6)22(28-34(10,11)12)24(30-36(13,14)16)18
InchiKey: FRTKXRNTVMCAKI-HPEVMFQJSA-N
Formula: C₂₄H₆₀O₆Si₆
SMILES: C[Si](C)(C)OC1C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 613.24

Physical Properties

Property code	Value	Unit	Source
log10ws	6.74		Crippen Method
logp	7.321		Crippen Method
rinpol	2126.00		NIST Webbook
rinpol	2130.00		NIST Webbook
rinpol	2128.00		NIST Webbook
rinpol	2143.00		NIST Webbook
rinpol	2155.00		NIST Webbook
rinpol	2126.00		NIST Webbook
rinpol	2128.00		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=R509305&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/67-047-6/muo-Inositol-hexakis-TMS.pdf>

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