

tris-(2,3-Dihydroxypropyl)amine, hexakis-TMS

Inchi: InChI=1S/C27H69NO6Si6/c1-35(2,3)29-22-25(32-38(10,11)12)19-28(20-26(33-39(13,14)37)31)30-27(4,5)6
InchiKey: YYIOSJKDBXPBAY-UHFFFAOYSA-N
Formula: C27H69NO6Si6
SMILES: C[Si](C)(C)OCC(CN(CC(CO[Si](C)(C)C)O[Si](C)(C)C)CC(CO[Si](C)(C)C)O[Si](C)(C)C)O
Mol. weight [g/mol]: 672.35

Physical Properties

Property code	Value	Unit	Source
log10ws	7.14		Crippen Method
logp	7.503		Crippen Method
rinpol	2274.00		NIST Webbook
rinpol	2274.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R221382&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/114-915-9/tris-2-3-Dihydroxypropyl-amine-hexakis-TMS.pdf>

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