

GA32, MeTMSi

Inchi: InChI=1S/C32H56O8Si4/c1-20-26(39-43(10,11)12)30-19-32(20,40-44(13,14)15)23(38-42)4
InchiKey: SRALQLICZMEHEW-QSODHDQWSA-N
Formula: C32H56O8Si4
SMILES: C=C1C(O[Si](C)(C)C)C23CC1(O[Si](C)(C)C)C(O[Si](C)(C)C)CC2C12C=CC(O[Si](C)(C)C)C1
Mol. weight [g/mol]: 681.12

Physical Properties

Property code	Value	Unit	Source
log10ws	1.97		Crippen Method
logp	6.494		Crippen Method
rinpol	2967.00		NIST Webbook
rinpol	2992.00		NIST Webbook
rinpol	2979.00		NIST Webbook
rinpol	2973.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R79444&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/11-913-5/GA32-MeTMSi.pdf>

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