

1-Nonacosanol, TMS

Inchi: InChI=1S/C32H68OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32/s1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32
InchiKey: HVSGKTPMMGDVDY-UHFFFAOYSA-N
Formula: C32H68OSi
SMILES: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]: 496.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.36		Crippen Method
logp	12.391		Crippen Method
rinpol	3242.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R86449&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.chemeo.com/cid/58-704-6/1-Nonacosanol-TMS.pdf>

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