

16-hydroxyhexadecanoic acid, TMSi ester TMSi ether

Inchi: InChI=1S/C22H48O3Si2/c1-26(2,3)24-21-19-17-15-13-11-9-7-8-10-12-14-16-18-20-22(2,3)25-23
InchiKey: JXIYCGGDBJPJTT-UHFFFAOYSA-N
Formula: C22H48O3Si2
SMILES: C[Si](C)(C)OCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 416.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.08		Crippen Method
logp	7.677		Crippen Method
rinpol	2390.00		NIST Webbook
rinpol	2390.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R423726&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

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