

Arachidic acid, TBDMS

Inchi: InChI=1S/C26H54O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25(27)
InchiKey: HVLYZCBELUFZOR-UHFFFAOYSA-N
Formula: C₂₆H₅₄O₂Si
SMILES: CCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 426.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.62		Crippen Method
logp	9.576		Crippen Method
rinpol	2692.00		NIST Webbook
rinpol	2685.00		NIST Webbook
rinpol	2677.00		NIST Webbook
rinpol	2692.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R48346&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/68-936-8/Arachidic-acid-TBDMS.pdf>

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