

Eicosanoic acid, TMS

Inchi: InChI=1S/C23H48O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(24)25
InchiKey: AYSGFBVOWSXJCN-UHFFFAOYSA-N
Formula: C23H48O2Si
SMILES: CCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 384.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.36		Crippen Method
logp	8.406		Crippen Method
rinpol	2432.60		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U414252&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/99-007-5/Eicosanoic-acid-TMS.pdf>

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