

12-Hydroxydodecanoic acid, TBDMS

Inchi: InChI=1S/C24H52O3Si2/c1-23(2,3)28(7,8)26-21-19-17-15-13-11-12-14-16-18-20-22(25)
InchiKey: FFLXPAMLZGAISN-UHFFFAOYSA-N
Formula: C24H52O3Si2
SMILES: CC(C)(C)[Si](C)(C)OCCCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 444.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.92		Crippen Method
logp	8.458		Crippen Method
rinpol	2481.00		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=R562846&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/114-835-8/12-Hydroxydodecanoic-acid-TBDMS.pdf>

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