7-Trimethylsilyloxytetradecane

Other names: 7-Tetradecanol, tms derivative
Inchi: InChI=1S/C17H38OSi/c1-6-8-10-12-14-16-17(18-19(3,4)5)15-13-11-9-7-2/h17H,6-16H2,1
InchiKey: NRMMSDTZAKZRRR-UHFFFAOYSA-N
Formula: C17H38OSi
SMILES: CCCCCCCC(CCCCCC)O[Si](C)(C)C
Mol. weight [g/mol]: 286.57
CAS: 122825-88-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.19		Crippen Method
logp	6.537		Crippen Method
rinpol	1770.00		NIST Webbook
rinpol	1770.00		NIST Webbook
ripol	1759.00		NIST Webbook
ripol	1759.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C122825881&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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