

1-Heptadecanol, TMS

Inchi: InChI=1S/C20H45NSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22(2,3)4/h21H
InchiKey: IRAQKRFWTVJNII-UHFFFAOYSA-N
Formula: C20H45NSi
SMILES: CCCCCCCCCCCCCCCCCN[Si](C)(C)C
Mol. weight [g/mol]: 327.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.43		Crippen Method
logp	7.282		Crippen Method
rinpol	2061.00		NIST Webbook
rinpol	2056.00		NIST Webbook
ripol	2046.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R64895&Units=SI>

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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<https://www.cheméo.com/cid/77-534-4/1-Heptadecanol-TMS.pdf>

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