

1-(Trihexylsilyloxy)octane

Inchi: InChI=1S/C26H56OSi/c1-5-9-13-17-18-19-23-27-28(24-20-14-10-6-2,25-21-15-11-7-3)26
InchiKey: OJIYLDKHFBOSTR-UHFFFAOYSA-N
Formula: C₂₆H₅₆OSi
SMILES: CCCCCCCCCO[Si](CCCCC)(CCCCC)CCCCC
Mol. weight [g/mol]: 412.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.84		Crippen Method
logp	10.050		Crippen Method
rinpol	2412.00		NIST Webbook
rinpol	2412.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U308325&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/92-509-5/1-Trihexylsilyloxy-octane.pdf>

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