

2,7-Dimethyl-4-trihexylsilyloxyoct-7-en-5-yne

Inchi: InChI=1S/C28H54OSi/c1-8-11-14-17-22-30(23-18-15-12-9-2,24-19-16-13-10-3)29-28(25-26)
InchiKey: VETCANCYSLUIK-UHFFFAOYSA-N
Formula: C₂₈H₅₄OSi
SMILES: C=C(C)C#CC(CC(C)C)O[Si](CCCCCC)(CCCCCC)CCCCCC
Mol. weight [g/mol]: 434.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.20		Crippen Method
logp	9.684		Crippen Method
rinpol	2339.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299526&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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